

NETGEAR[®]

BUSINESS

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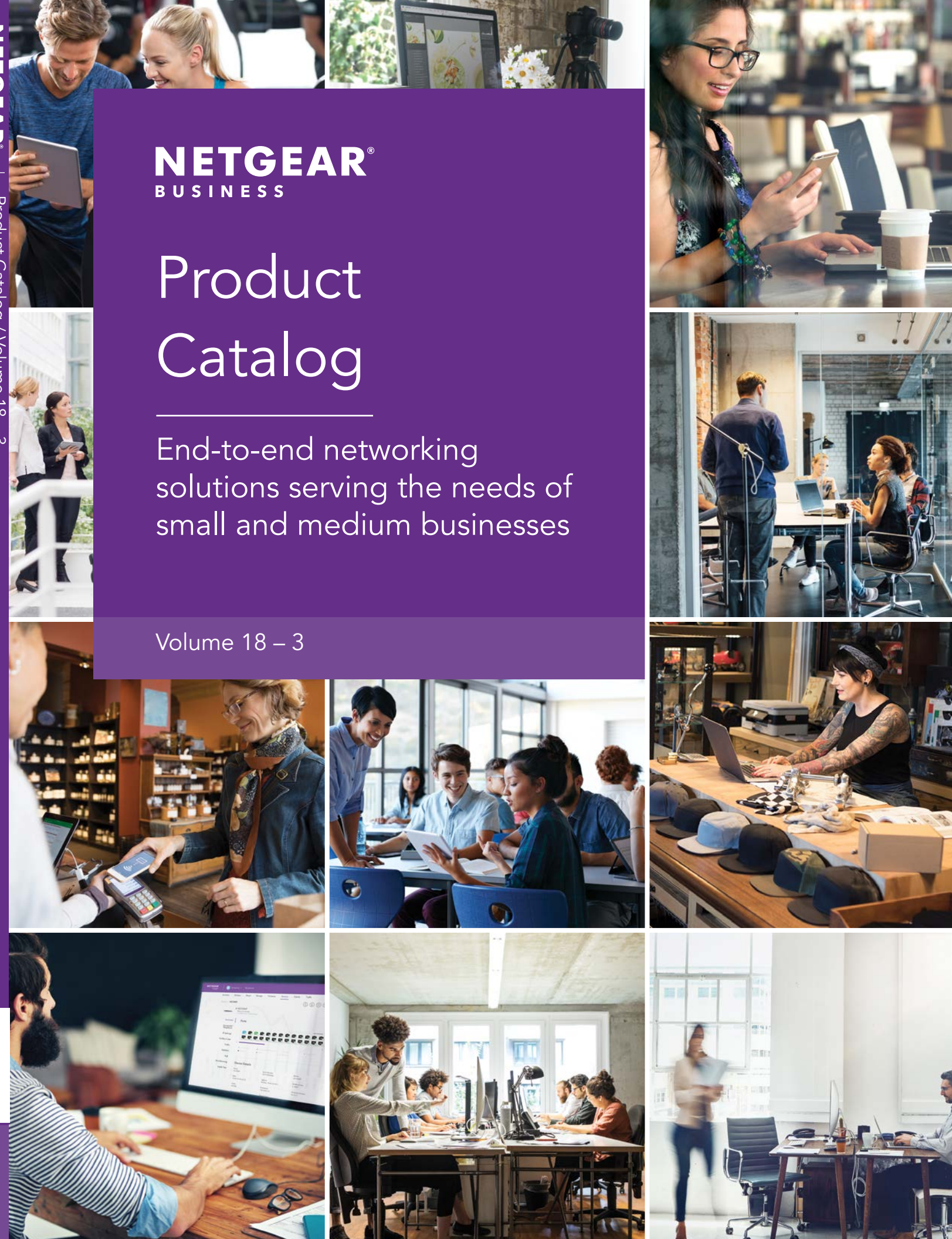
NETGEAR[®]

BUSINESS

Product Catalog

End-to-end networking solutions serving the needs of small and medium businesses

Volume 18 – 3



WHO IS NETGEAR?

In business, confidence is everything. When it comes to your network, it's even more important. Whether you're a small business with big dreams or a mid-size business ready to take the next step, you need to share access and ideas safely, connect remote locations securely and give your people the tools to perform. At NETGEAR, we provide networking, storage and security solutions without the cost and complexity of big IT. Our advanced range of reliable, affordable networking products are easy to install and maintain. We deliver solutions you can count on, so you can spend more time on what matters most – growing your business.

MILESTONES

- 2003 First Smart Switch
- 2010 First Lightly Managed Switch
- 2011 First 10G Smart Switch
- 2014 Flexible Mounting Click Switch
- 2017 First App Managed Access Point
 - First Fully Autonomous Cloud Management Switch
 - First DIY WiFi Mesh Solution for Business
- 2018 ProAV 48/96p, 10G Switch

NETGEAR
BUSINESS

DESIGNED WITH YOUR BUSINESS IN MIND

"For more than 20 years, our innovative networking solutions have continually expanded the outer limits of speed, connectivity and intelligence.

We connect the world - whether it be people to people, people to things, or things to things - both inside the smart home or business and outside in the mobile world, to enhance people's lives.

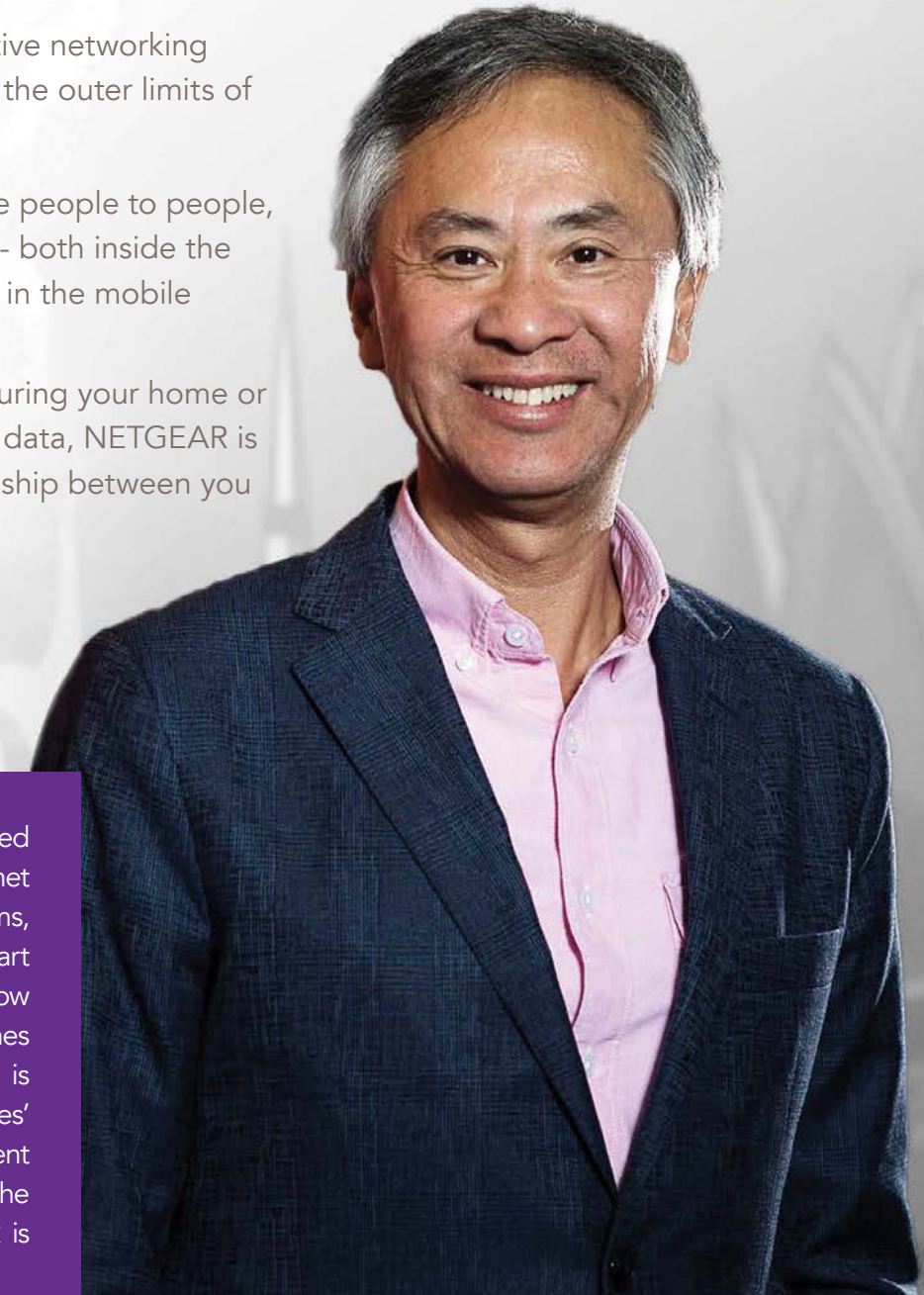
Whether it's in streaming media, securing your home or business, or sharing business-critical data, NETGEAR is creating a new - and better - relationship between you and your world to help you thrive."

Patrick Lo

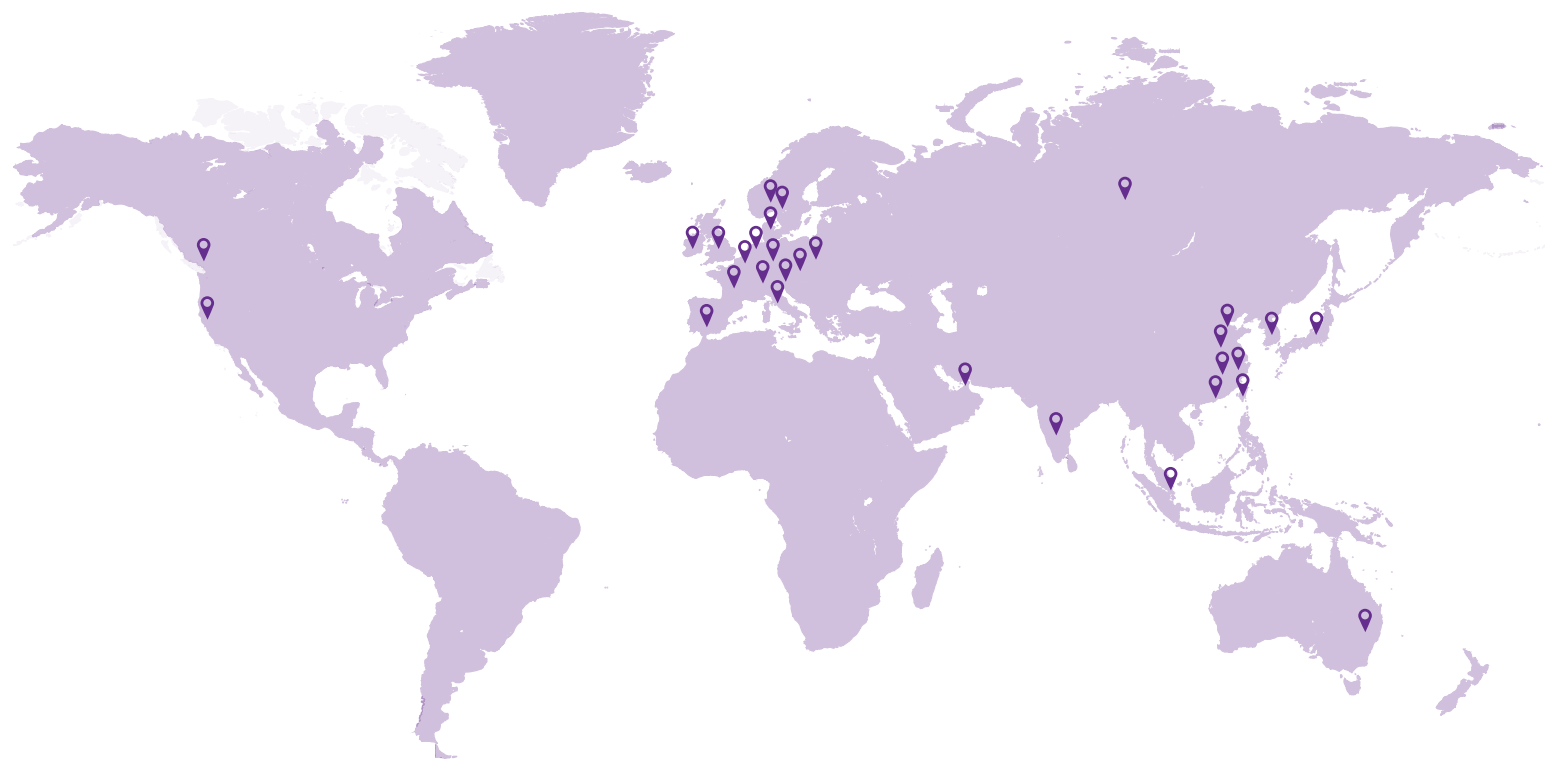
NETGEAR CEO and Co-founder

As our product portfolio has expanded over the past two decades from Ethernet hubs to switches, advanced WiFi systems, network attached storage and smart home, NETGEAR® is re-imagining how connectivity changes our world in homes and businesses. Simply connecting is no longer enough. Enhancing peoples' lives through the power of intelligent connectivity is the next step in the networking revolution, and NETGEAR is at the center of this change.

NETGEAR Business Solutions are simply designed with your business in mind.



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NETGEAR BRINGS THE BEST OF I.T. TO THE CONNECTED OFFICE



Get the most comprehensive and versatile switching portfolio

NETGEAR® offers a unique portfolio of highly flexible and scalable network switches for every business need. From 5 to 144 ports, with Gigabit, Multi-Gigabit or 10-Gigabit copper and/or fiber connectivity, intuitive network management options and advanced L2 and L3 features, comprehensive PoE support and unique form factors (Click, Easy-Mount, Desktop, Rackmount, Chassis), NETGEAR is unrivaled in the switching choice it offers to its business customers.



Experience the highest performing and secure storage

Now faster than ever before, the new ReadyNAS® solutions offer businesses outstanding performance, versatility and scalability with five levels of unrivaled data protection, 10-Gigabit Fiber or Copper Ethernet network interface on select models, and expandable storage capacity, desktop or rackmount.



Unlock your WiFi potential with ultimate speed and coverage

With the latest Wireless AC technology, make a leap forward to an incomparable user experience. Add improved coverage, higher density, increased security and NETGEAR easy management and you will get the smartest wireless solution in the market. NETGEAR wireless access points and controllers offer a unique combination of features for enhanced and affordable coverage, speed, density and reliability.



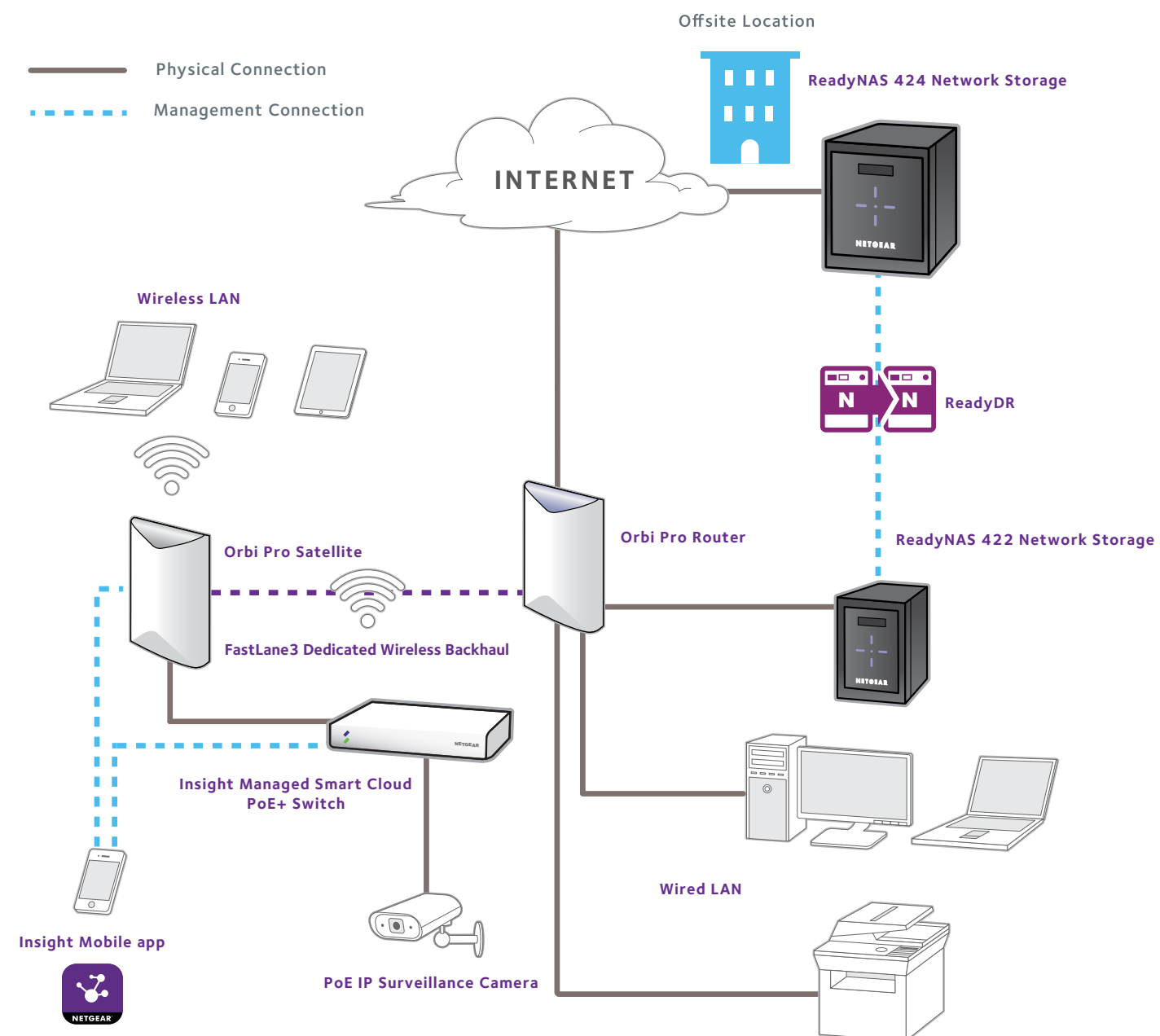
Network Management made easy

Easy management and setup of your network with NETGEAR management applications and interfaces, including our latest innovative management solution - NETGEAR Insight™.



NETWORK SOLUTION FOR SMALL OFFICE AND HOME OFFICE (SOHO) 1-5 USERS

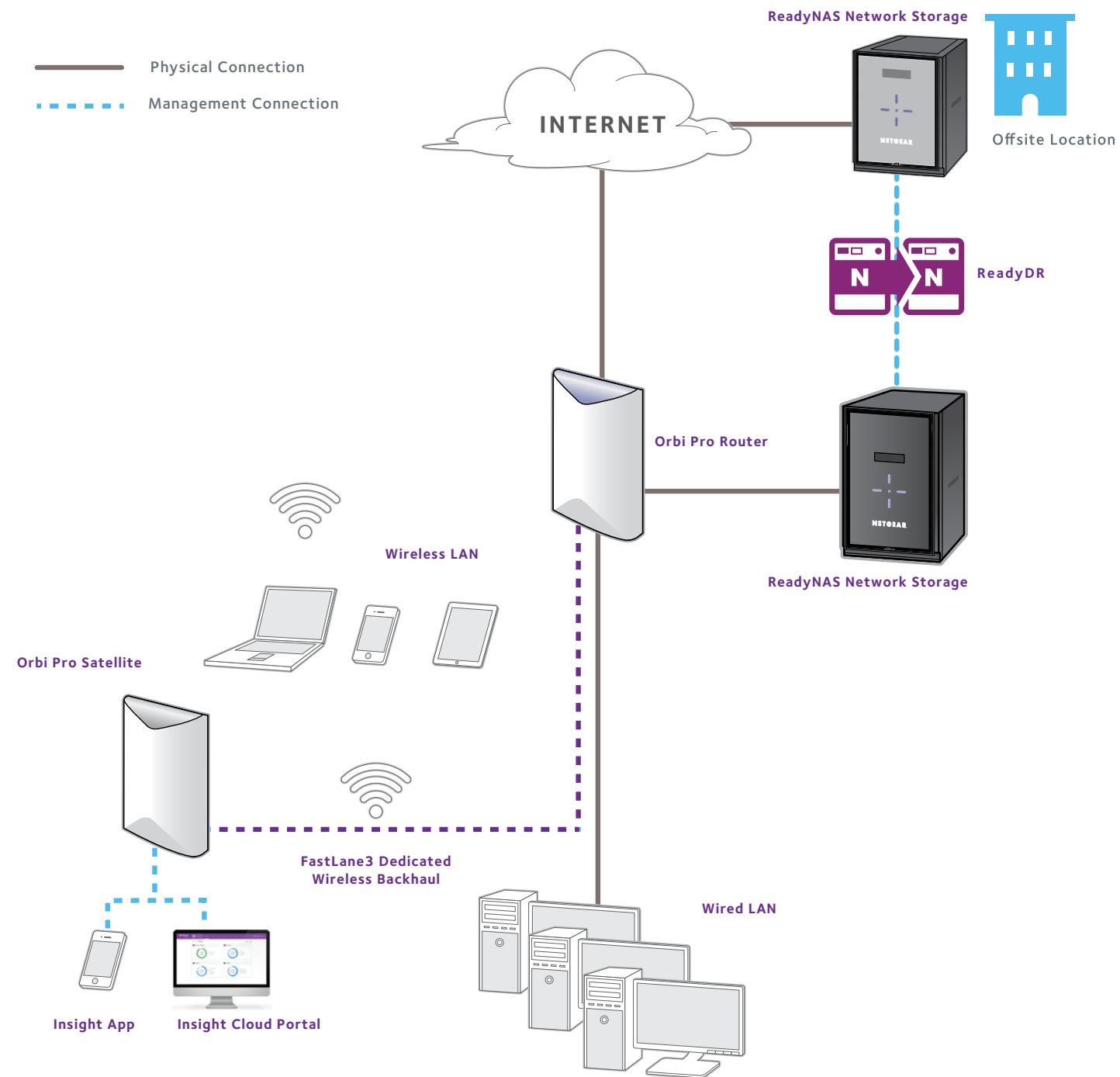
Connection Setup





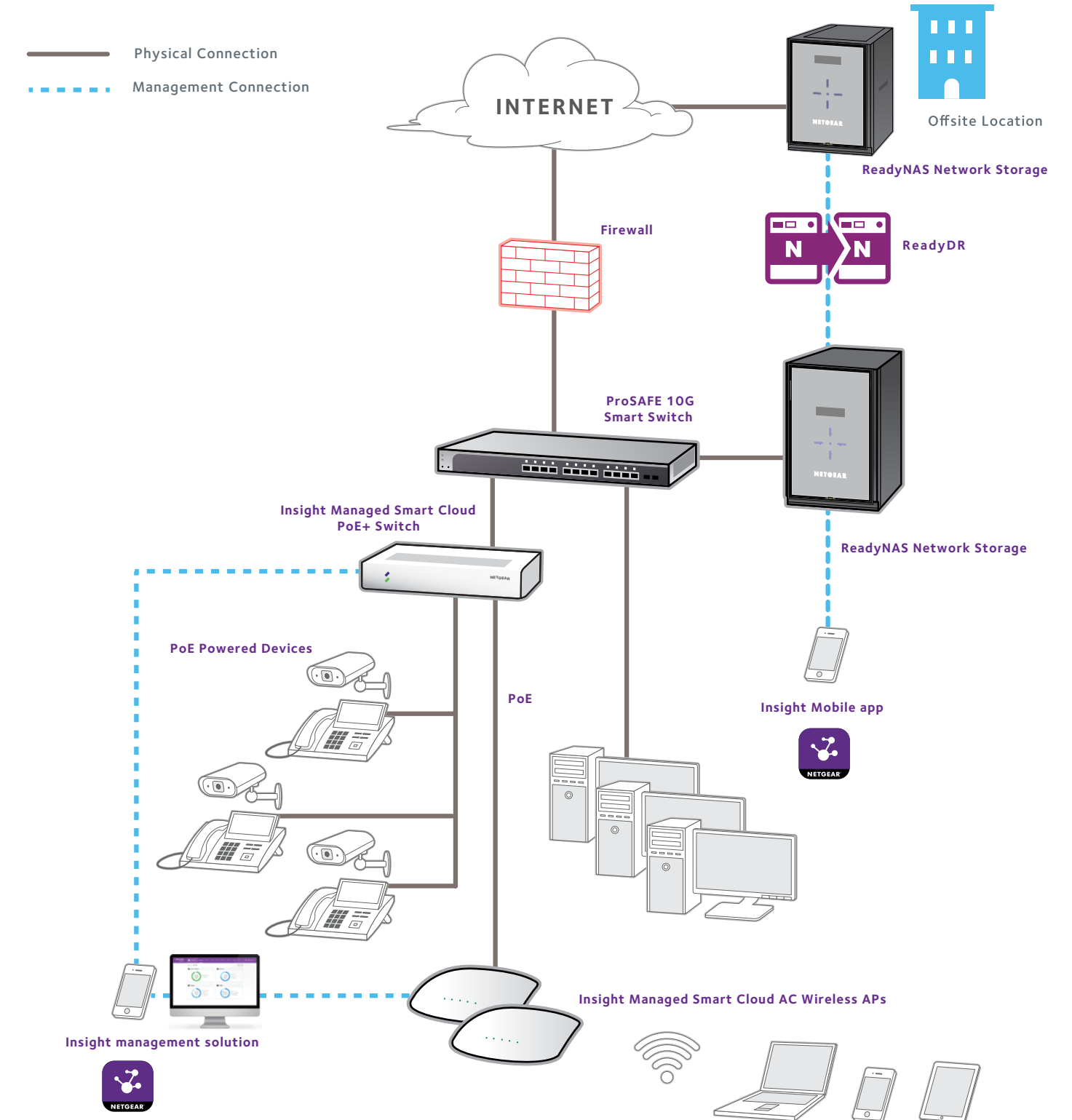
WIRE FREE SOLUTION ORBI PRO, 5-80 USERS

Connection Setup



WIRED SOLUTION INSIGHT, 5-150 USERS

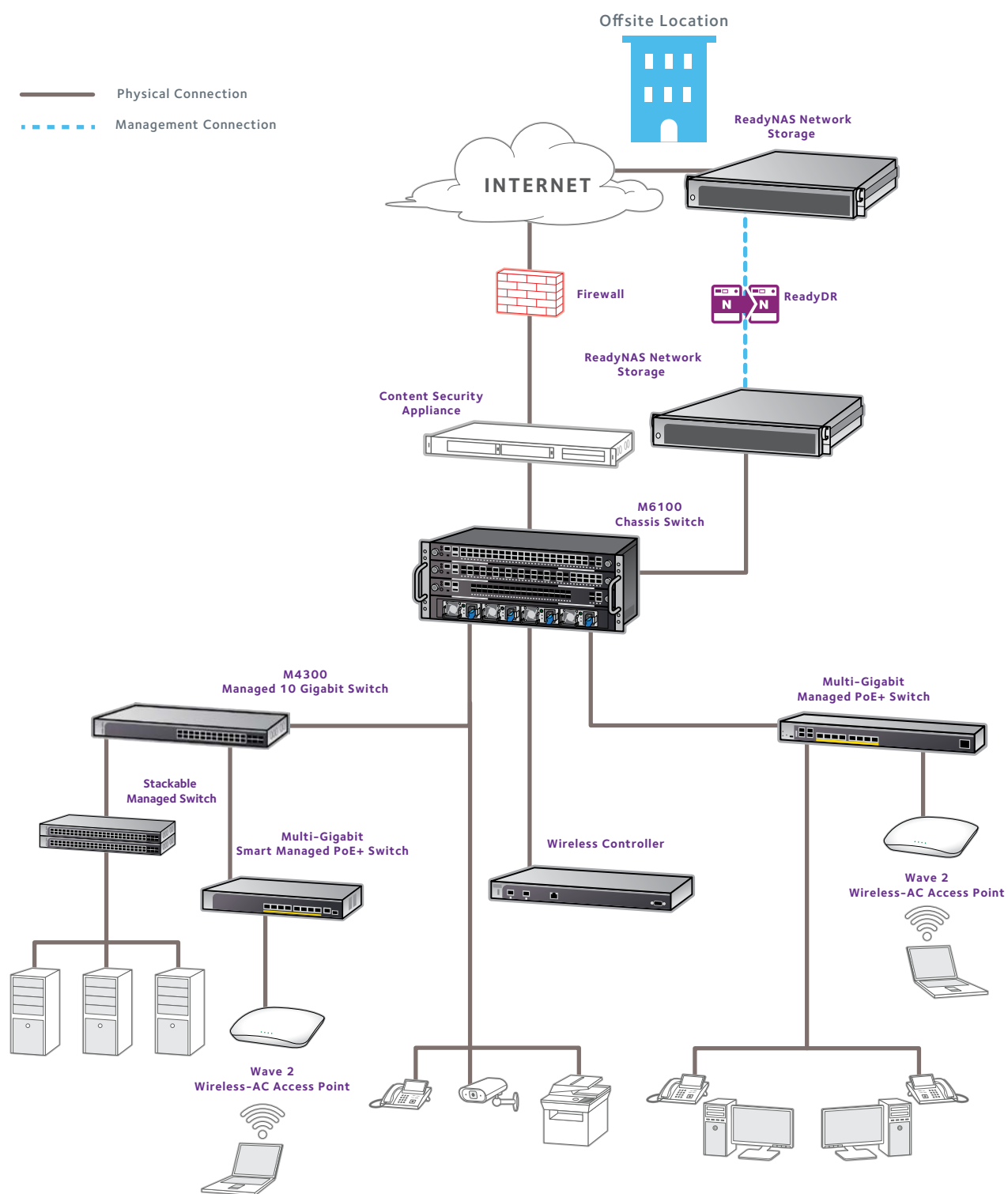
Connection Setup





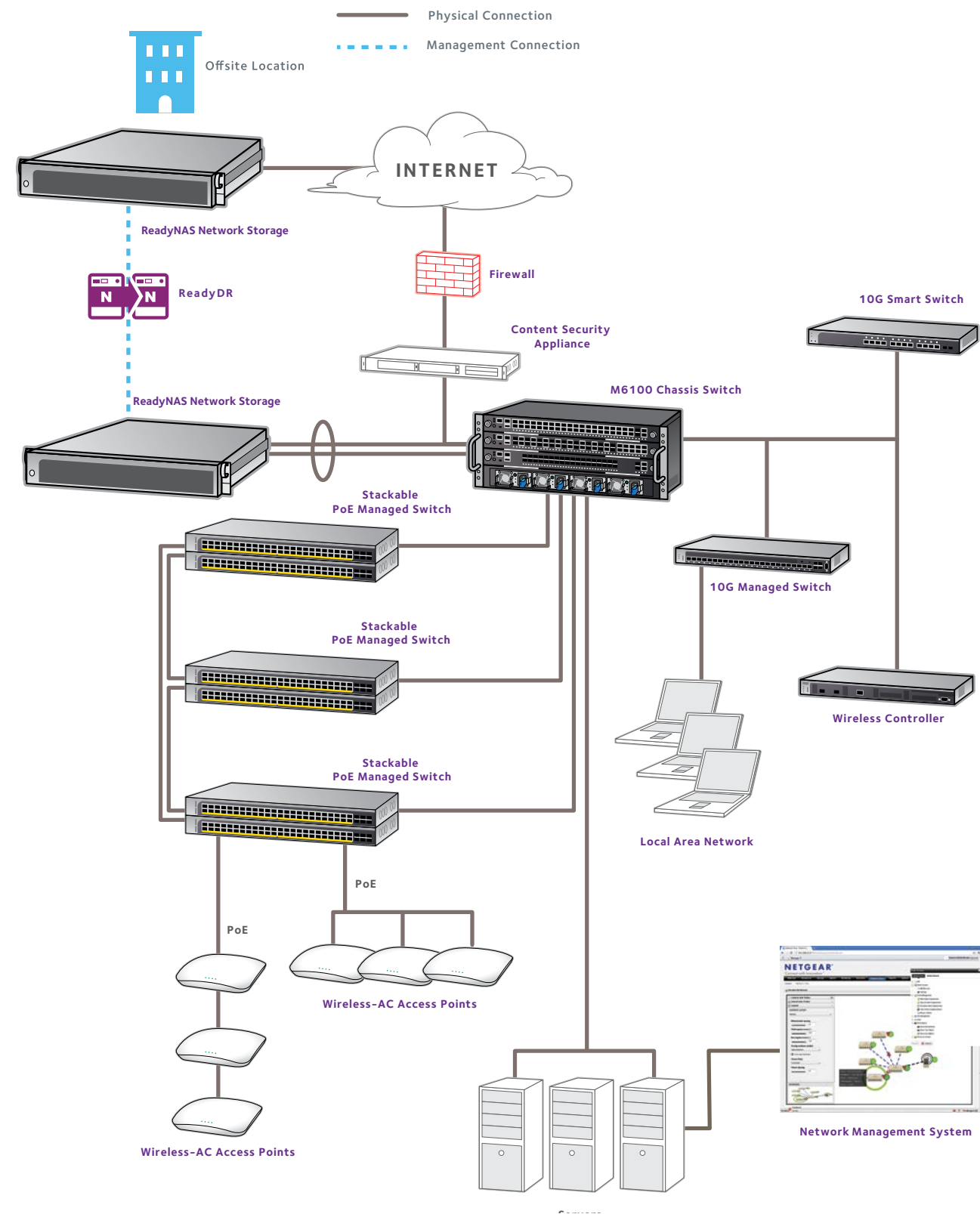
NETWORK SOLUTION FOR A GROWING MID-SIZE BUSINESS, 75-250 USERS

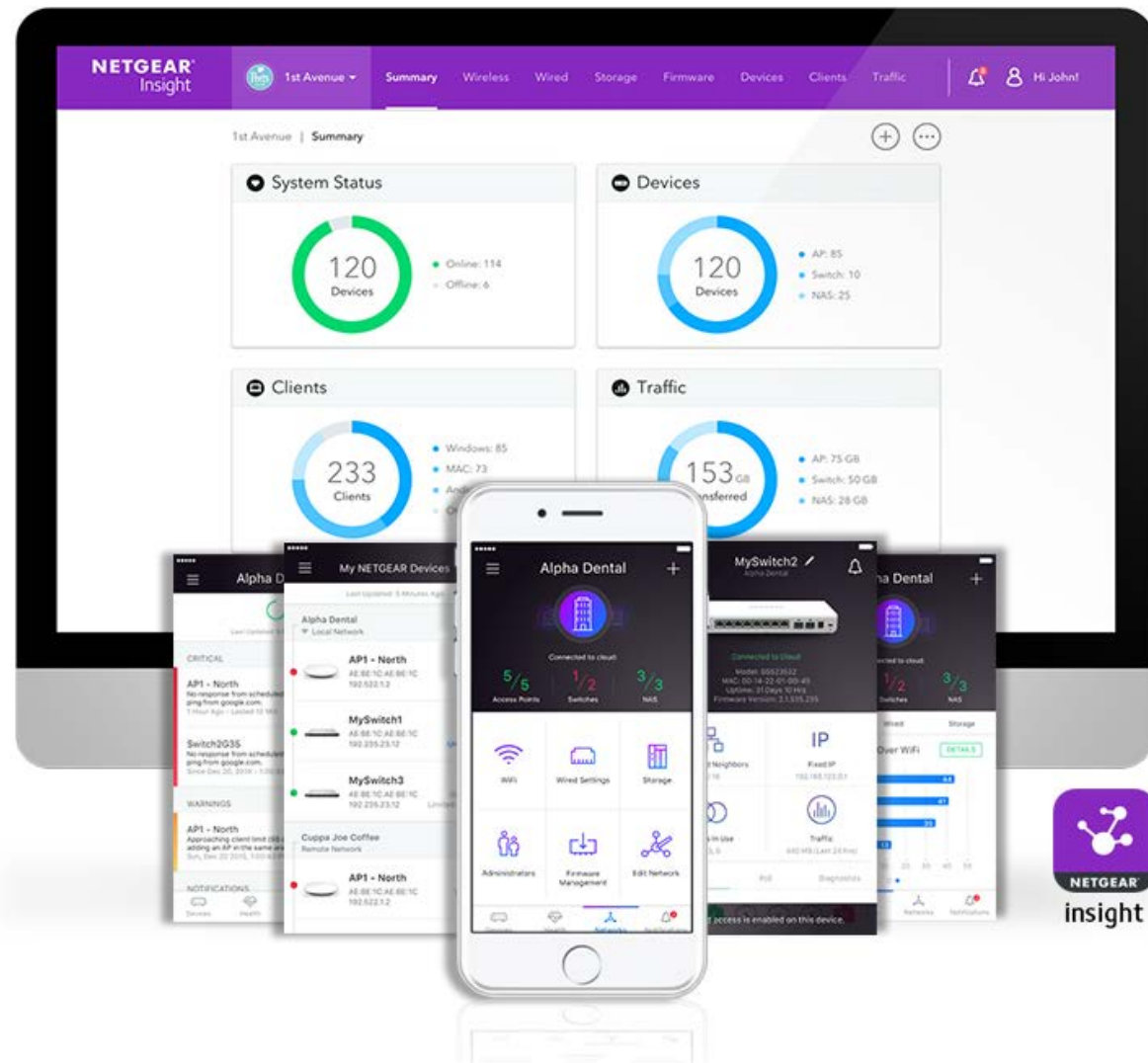
Connection Setup



NETWORK SOLUTION FOR AN ENTERPRISE BUSINESS, 250-500+ USERS

Connection Setup





NETGEAR Insight Management Solution

UNIFIED REMOTE NETWORK VISIBILITY AND CONTROL WITH NETGEAR INSIGHT

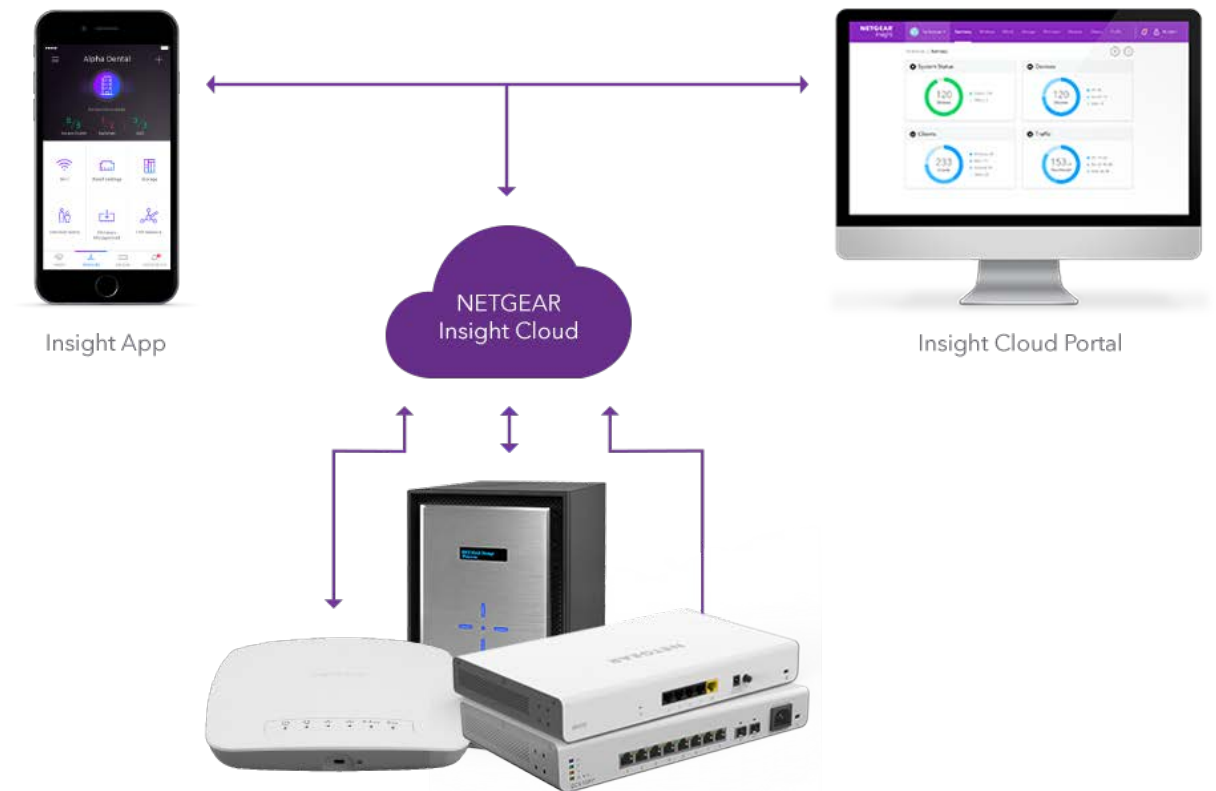


The NETGEAR Insight™ management solution was custom-built from the ground up to meet the specific needs of businesses and provide an unrivaled remote management user experience. The Insight platform allows any small and medium business owner or their IT services professional to discover and setup their NETGEAR Insight Managed devices, remote monitor and manage them with the ease, simplicity and intuitiveness of either a mobile app or a Cloud portal*, anytime, anywhere. Best yet NETGEAR Insight does this without requiring businesses to purchase additional management hardware or software.

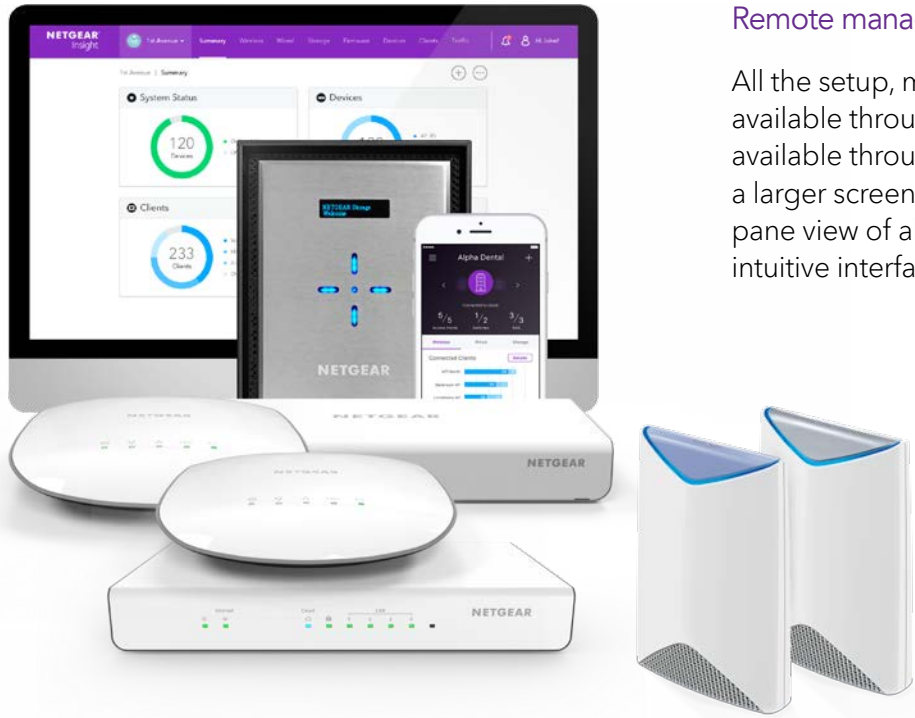
NETGEAR Insight enables multi-location, multi-device configuration of your NETGEAR Insight Managed switches, Insight Managed wireless access points, Insight Instant VPN Routers and Business-Class storage devices either locally or remotely. It provides network management, monitoring and service deployment for the easiest and most user-friendly networking experience.

NETGEAR Insight comes with 3 subscription plans, Insight Basic and Insight Premium for businesses themselves and Insight Pro for Managed Service Providers and Value-added Resellers. Insight Pro can be purchased only through the Distribution channel. For more information on the Insight subscription plans, go to www.netgear.com/insight

Your Network. Anytime. Anywhere.



*Cloud Portal available with the Insight Premium subscription. See www.netgear.com/insight for details



Remote management from any screen, small or large

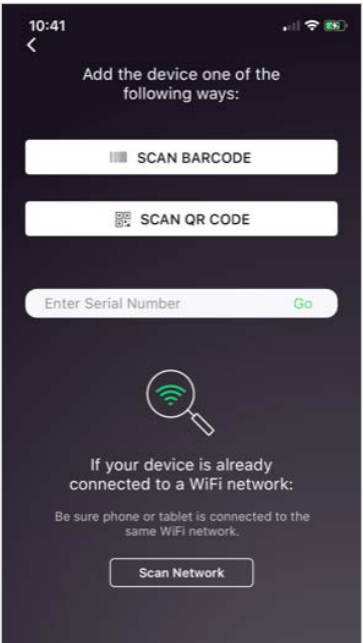
All the setup, monitoring and management features available through the Insight app are now also available through the Insight Cloud portal*. With a larger screen real estate, users will have a single-pane view of all their devices and their locations in an intuitive interface.

Plus full-featured mobile app



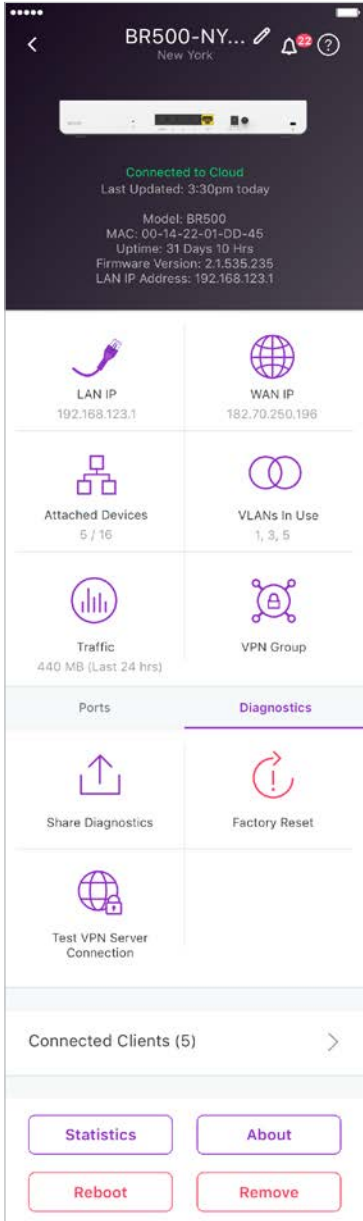
ONE-TOUCH MONITORING

Remote monitoring anytime, anywhere



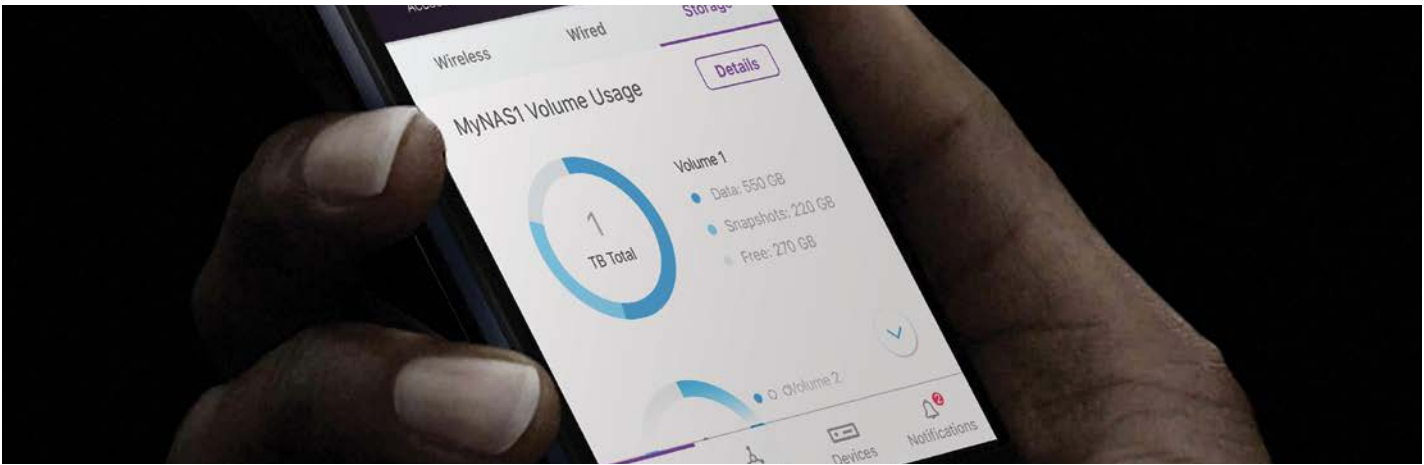
ONE-TOUCH SETUP

Easy installation, no need for an IT expert



ONE-TOUCH MANAGEMENT

Manage your network from the palm of your hand



PRODUCT	NETGEAR INSIGHT 5.1	
Features	Full Network Discovery	<ul style="list-style-type: none">Discovery of select NETGEAR network devices - Access Points, Switch and Storage and VPN RouterDiscovery and setup of devices managed by the NETGEAR Insight Managed network devicesMulti-device monitoring dashboardNETGEAR Smart Managed Switch Discovery, registration and IP address ManagementVisibility into WiFi clients
	Setup And Installation Of Insight Managed Devices	<ul style="list-style-type: none">Multiple approaches for easy device discovery via Wifi network discovery mode, QR and bar code scanningInstant VPN Functionality - Router BR500Orbi Pro Insight ManagementWireless AP - Router or AP mode set upSet rate limits for upload and download of Insight Managed Wireless AP (across both wired and wireless networks)Setup advanced switching features including VLANs, LAGs, and PoEAuto-join and configure (zero-touch deployment) of additional Insight Managed devices
	Full Monitoring Of Insight Managed Devices	<ul style="list-style-type: none">Device Status Dashboards across wired and wireless networksDevice status (Connected, Not reachable, Up time, Firmware version)Detailed logs of device activityEmail and push notificationsData usage monitoring
	Complete Management Of Insight Managed Devices	<ul style="list-style-type: none">Device discovery across full wireless and wired networkSecure remote user managementCreate up to 3 site-to-site secure connectionGuest WiFi/Captive PortalFirmware upgrade and device rebootDefine URL filtering for wireless AP802.1x Radius AuthenticationVLAN, LAG, QoS, ACLs, and advanced PoE managementSmart WiFi management (with Premium subscription)WiFi Fast Roaming (with Premium subscription)PoE scheduler (with Premium subscription)RTP/RSTP/MSTP support (with Premium subscription)
	Multi-locations	<ul style="list-style-type: none">Easily create and manage multiple locations from a single pane-of-glassAdd and configure devices in each networkMonitor across all locations from anywhere
Common Management Ownership	End customer or Managed Service Provider	
Security	Multi-factor authentication, secure cloud, and router/firewall devices	
Supported Operating System	iOS (version 8.0 and above), Android (version 4.4 and above)	

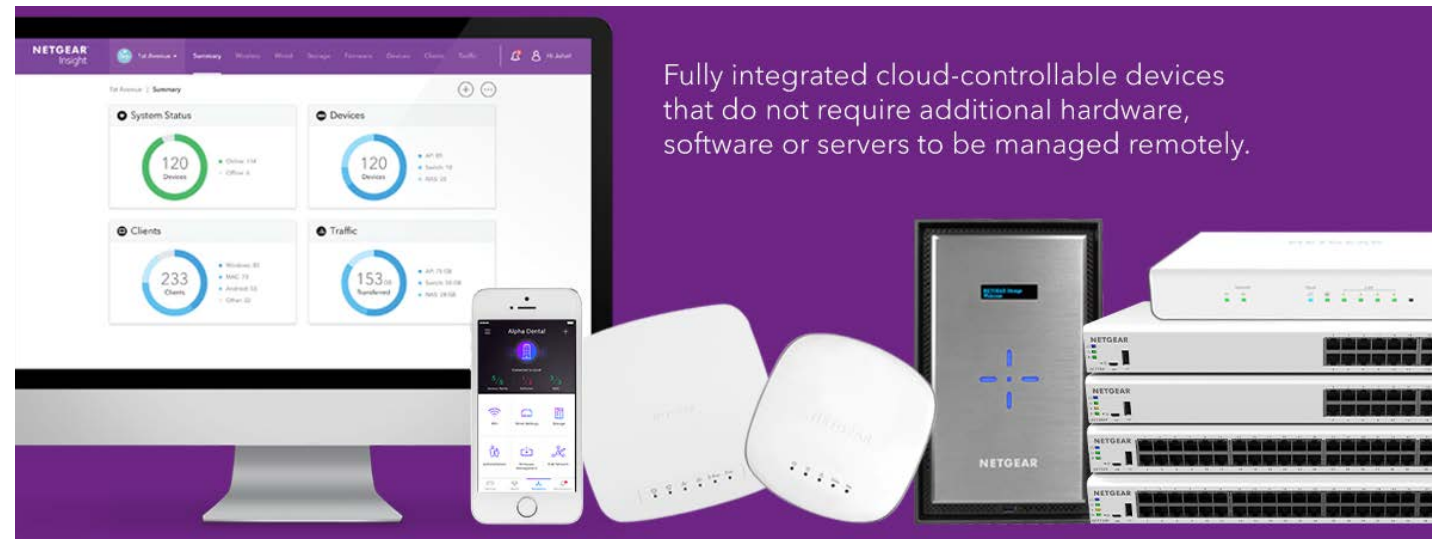
COMPATIBILITY TABLE

NETGEAR INSIGHT	SET-UP	MANAGE	MONITOR	DISCOVER	REGISTER
Insight Managed Switches	X	X	X	X	X
Insight Managed Access Points	X	X	X	X	X
Insight Instant VPN Router	X	X	X	X	X
Orbi Pro	X	X	X	X	X
ReadyNAS (except 100 series)		X	X	X	X
Smart Managed Plus Switches			X	X	X
Smart Managed Pro Switches			X	X	X
WAC700 Series				X	X
WAC100 Series				X	X
Fully Managed Switches					X
Unmanaged Switches					X
ReadyNAS 100 Series					X

*Cloud Portal available with the Insight Premium subscription. See www.netgear.com/insight for details.

INTRODUCING INSIGHT PRO FOR OUR PARTNERS

Insight Pro is a Cloud platform that makes Network as a Service (NaaS) possible for our partners. NETGEAR now offers the possibility to have both hardware and services that you can manage, monitor 24/7, and provide support for customers.



EASE OF USE, RICH FEATURES AND SECURITY



Multi-tenancy & Multi-location

- One Insight Pro account can centrally manage from a single view
- Roles & responsibilities definition



WiFi roaming & capabilities

- Fast roaming & security
- Captive portal



Automated deployment & updates

- Firmware updates scheduling
- PoE Scheduling



Easy configuration & management

- VLANs, LAGs, PoE
- WiFi configuration



Remote provisioning

- Centralized device configuration
- PoE & port configuration

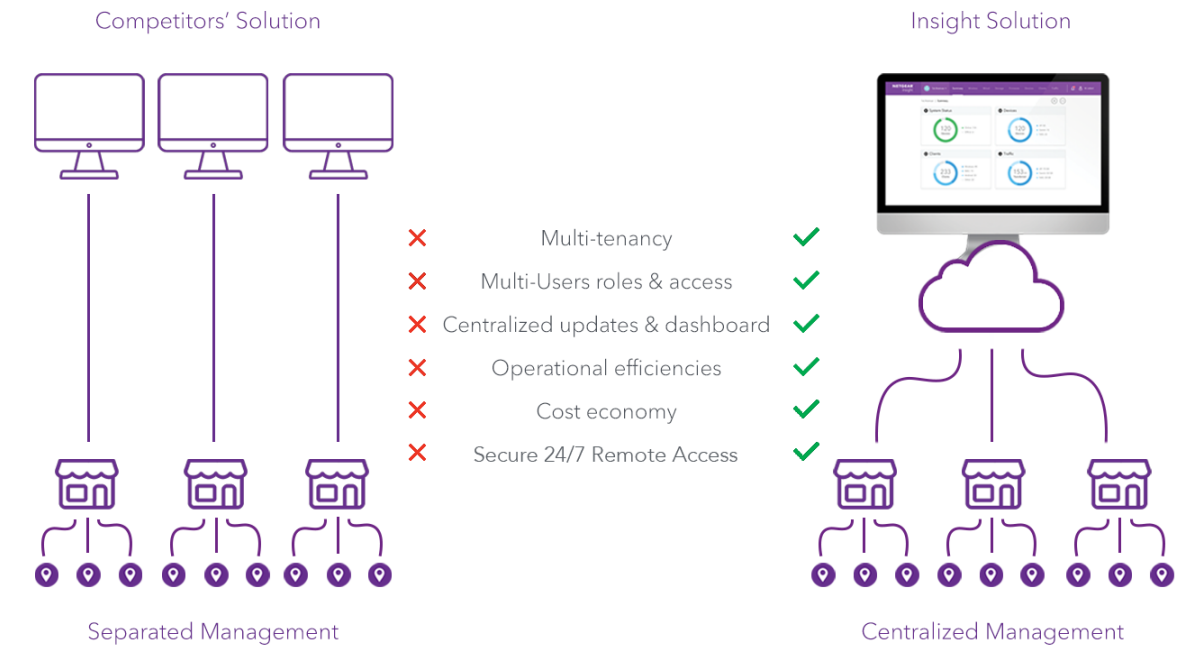


Advanced security

- Two-factor authentication
- Cloud security

UNIQUE EFFICIENT MULTI-TENANT MODEL

Insight Pro is built for scalability and growth. With multi-location & multi-tenant capabilities you can easily set up all the networks for your customers and as an admin give everyone specific rights depending on their role (Manager, Owner).

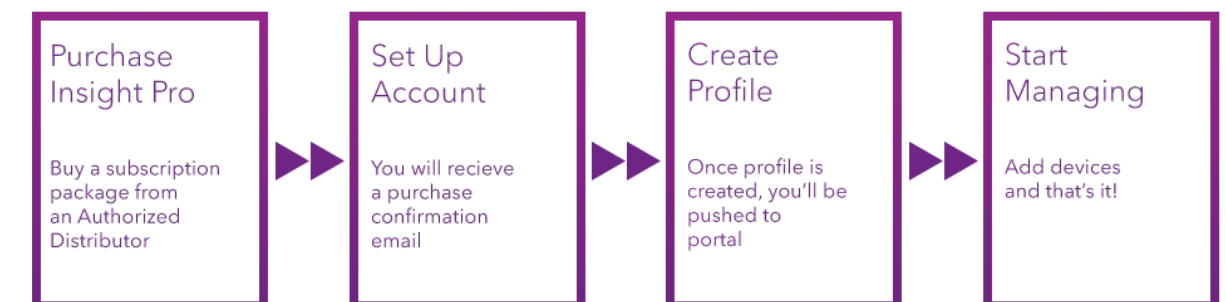


MOVE TO A PROFITABLE RECURRING REVENUE MODEL

Leverage technology to set up 24x7 customer network monitoring & make up for lost hardware margins with increased service revenue

- Move to Recurring Revenue model to raise profitability
- Leverage Cloud technology to reduce investment
- Automate & Replication low value, mundane tasks to increase efficiency and scale your business
- Get full visibility and proactively react on your customer networks to improve customer satisfaction and customer retention

HOW IT WORKS FOR VARS AND MSPS





NETGEAR FEATURES THE MOST COMPREHENSIVE, SCALABLE AND AFFORDABLE SWITCHING PORTFOLIO

NETGEAR offers a uniquely comprehensive portfolio of highly flexible and scalable network switches that fit every business need. From 5 to 144 ports, with Gigabit, Multi-Gigabit or 10-Gigabit copper and/or fiber connectivity, intuitive network management options, including Cloud management with Insight, and advanced L2 and L3 features, comprehensive PoE support and unique form factors, NETGEAR is unrivaled in the switching choice it offers to its business customers. NETGEAR switches also feature business-friendly advanced switching technology packaged in sleek modern designs with innovative mounting options with its Click switches and Easy-Mount switches.

UNMANAGED

Plug and Play switching for organizations in need of instant connectivity. No management required.

SMART MANAGED PLUS

Entry level management for essential services. Set priority for voice, video and other data traffic for enhanced service and performance.

SMART MANAGED PRO

For growing organizations needing more refined control, incorporating secure setup, access and automated management of prioritized voice, video and data traffic.

SMART CLOUD

Fully integrated cloud manageable switches. Easily setup, deploy, manage & monitor your Smart Cloud switches through the NETGEAR Insight app.

FULLY MANAGED

For bigger and maturing networks where granular control is key to minimizing traffic congestion and performance bottlenecks for convergence based applications.

CHASSIS

Advance your networking to a new generation of Chassis switch to provide reliability, vastly increased speed and deployment versatility. This is a platform that has no hidden licensing or support costs and where Enterprise IT meets SMB price points.

Just pick the switch that’s best for you!

SWITCHING

	UNMANAGED				SMART MANAGED PLUS			SMART MANAGED PRO				SMART CLOUD	FULLY MANAGED		CHASSIS
Customer	Small										Small				
			Mid sized												
Switching	L2							L2+/Lite L3				L2+/L3		L2/3/4	
10/100	FS/JFS Series						FS Series					M4100			
GbE	200/ 600	300	100	500	Click	100	400/ 500	GS Series	GS Series	GS Series	S3300	GC Series	M4100/ M4200	M4300	M6100
GbE w/10G SFP+								GS Series	GS Series	GS Series	S3300	GC Series			
GbE w/10GbE and 10G SFP+											S3300				
10GbE					XS708Ev2	XS716E		XS Series						M4300	M6100
Multi-gig	XS505/8M and GS110MX				GS110EMX XS512EM/724EM			MS Series					M4200		
Management					NMS300							Insight	NMS300		

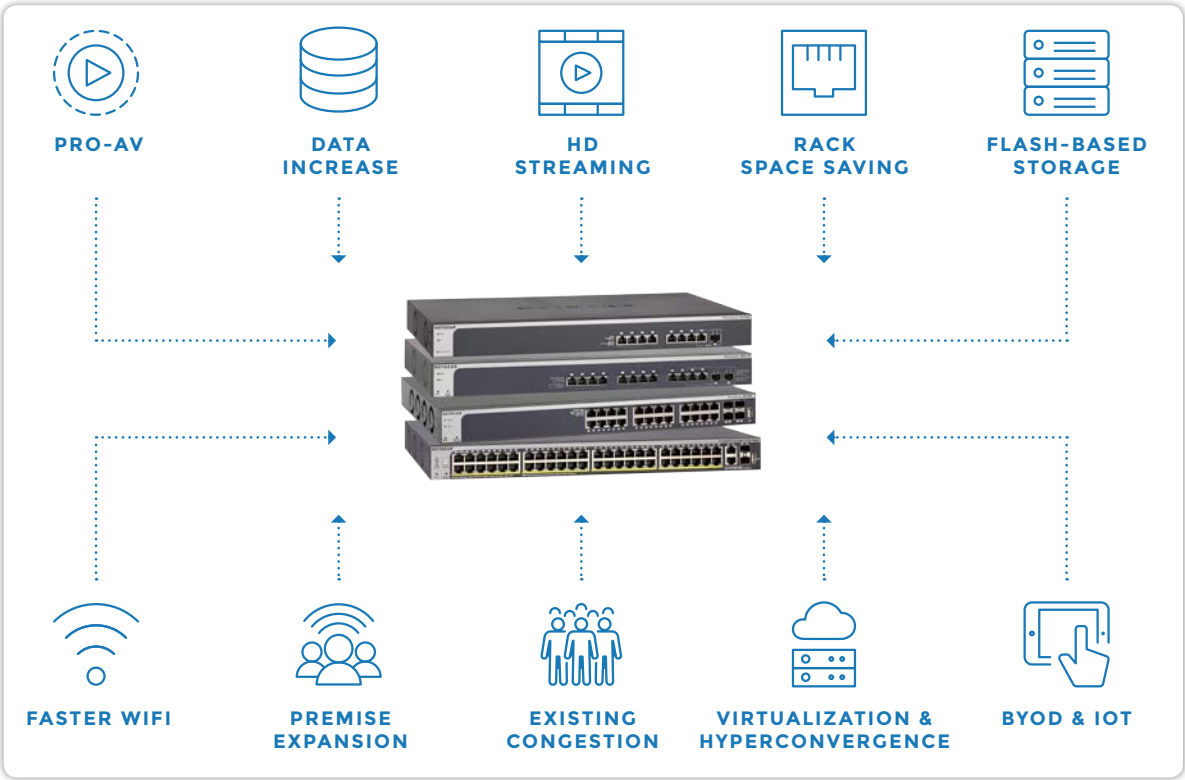
EXPERIENCE THE MOST COMPREHENSIVE AND AFFORDABLE FULL 10-GIGABIT BUSINESS SWITCH PORTFOLIO

Connectivity matters more every day!

Network connectivity is the new utility. As water runs out of the tap flawlessly, network data is expected to do the same. Users want to be able to connect with any device, anywhere and anytime with high quality, super-fast connections and no downtime.

10 drivers for 10-Gigabit networking

Modern applications, wireless device expansion and IT optimization are now moving 10-Gigabit connectivity to the top of Enterprise IT teams’ priorities. The increase in mobility, voice and video combined with virtualization and the doubling of data every 2 years are some of the main drivers for bottlenecks that are occurring in parts of the network not previously seen with Gigabit connectivity. 10-Gigabit is the new Gigabit!



NETGEAR 10-Gigabit Portfolio

NETGEAR is the leader in the 10-Gigabit Enterprise switch market with the most versatile and comprehensive offerings in the market at the most affordable price points. Enjoy the highest security and scalability, massive performance and absolutely no downtime with our high-end 10-Gigabit switches. NETGEAR has you covered with a uniquely comprehensive portfolio of highly flexible and scalable full 10-Gigabit switches that fit every business need. From 8 to 48 ports, featuring both copper and fiber options, 1U full width and 1U half-width (for more efficient use of rack space), NETGEAR is unrivaled in the choice it offers business customers looking for 10-Gigabit switching. The future of networking is now!

Follow the X!

An X in the model name at NETGEAR is your guide to faster speed! An “X” at the beginning = Full 10-Gigabit connectivity! An “X” near the end = 10-Gigabit uplinks on both switches and ReadyNAS. We made them easy to find.



Full 10-Gigabit X models comparison charts.
Just pick the one that’s best for you!

FULL 10-GIGABIT X MODELS

MODEL	XS708Ev2	XS716E	XS708T	XS712Tv2	XS716T	XS728T	XS748T
Management	Smart Managed Plus	Smart Managed Plus	Smart Managed Pro	Smart Managed Pro	Smart Managed Pro	Smart Managed Pro	Smart Managed Pro
Total 10Gb ports	8	16	8	12	16	28	48
10Gb Copper ports	8	16	8	12	16	24	44
10Gb SFP+ ports	1 combo	1 combo	2 combo	2 combo	2 combo	4 dedicated	4 dedicated
Line rate (Gbps)	160	320	160	240	320	560	960
Full rackmount	Y	Y	Y	Y	Y	Y	Y

STACKABLE M4300 SERIES MODELS

MODEL NAME	M4300-8X8F	M4300-12X12F	M4300-24X	M4300-24X24F	M4300-48X	M4300-96X
MODEL NO	XSM4316S	XSM4324S	XSM4324CS	XSM4348S	XSM4348CS	XSM4396K0 OR K1
Management	Fully Managed	Fully Managed	Fully Managed	Fully Managed	Fully Managed	Fully Managed
Total 10Gb ports	16	24	24	48	48	Up to 96
10Gb Copper ports	8	12	24	24	48	Up to 96
10Gb SFP+ ports	8 dedicated	12 dedicated	4 combo	24 dedicated	4 combo	Up to 96
40Gb QSFP+ ports						Up to 24
Line rate (Gbps)	320	480	480	960	960	1,920
Half Width	Y	Y	Y			
Full width				Y	Y	Y (2U)



NETGEAR INDUSTRY-FIRST CLICK & EASY-MOUNT SWITCHES

Put your ports where you need them and where other switches cannot go!



Click Switch Deployment Innovation

Simple to use mounting bracket enables vertical or horizontal orientation of ports. To install, just mount the bracket onto a wall, desk, table leg/pole or “Virtually Anywhere”, and “Click” the switch into the bracket.

With Power-over-Ethernet (PoE) models, one wire will bring power AND network connectivity to the WiFi Access Points, surveillance cameras, and VoIP phones, so no need to install wall plugs in odd places!


Easy-Mount “Virtually Anywhere” Mounting System

The Easy-Mount Virtually Anywhere™ mounting system gives you the flexibility to place your PoE+ ports in locations where other switches will not go (under a counter/table, on the wall, on a pole or table leg, or even up in the ceiling or in ventilation ducts with its plenum rating).

If you do have an IT closet or rack, its unique design also allows for two switches to be mounted in a single 1U rack slot, saving valuable rack space while allowing for future expansion as needed. With Power-over-Ethernet (PoE), one wire will bring power AND network connectivity to the WiFi Access Points, PTZ surveillance cameras, and VoIP phones, even in dense areas.



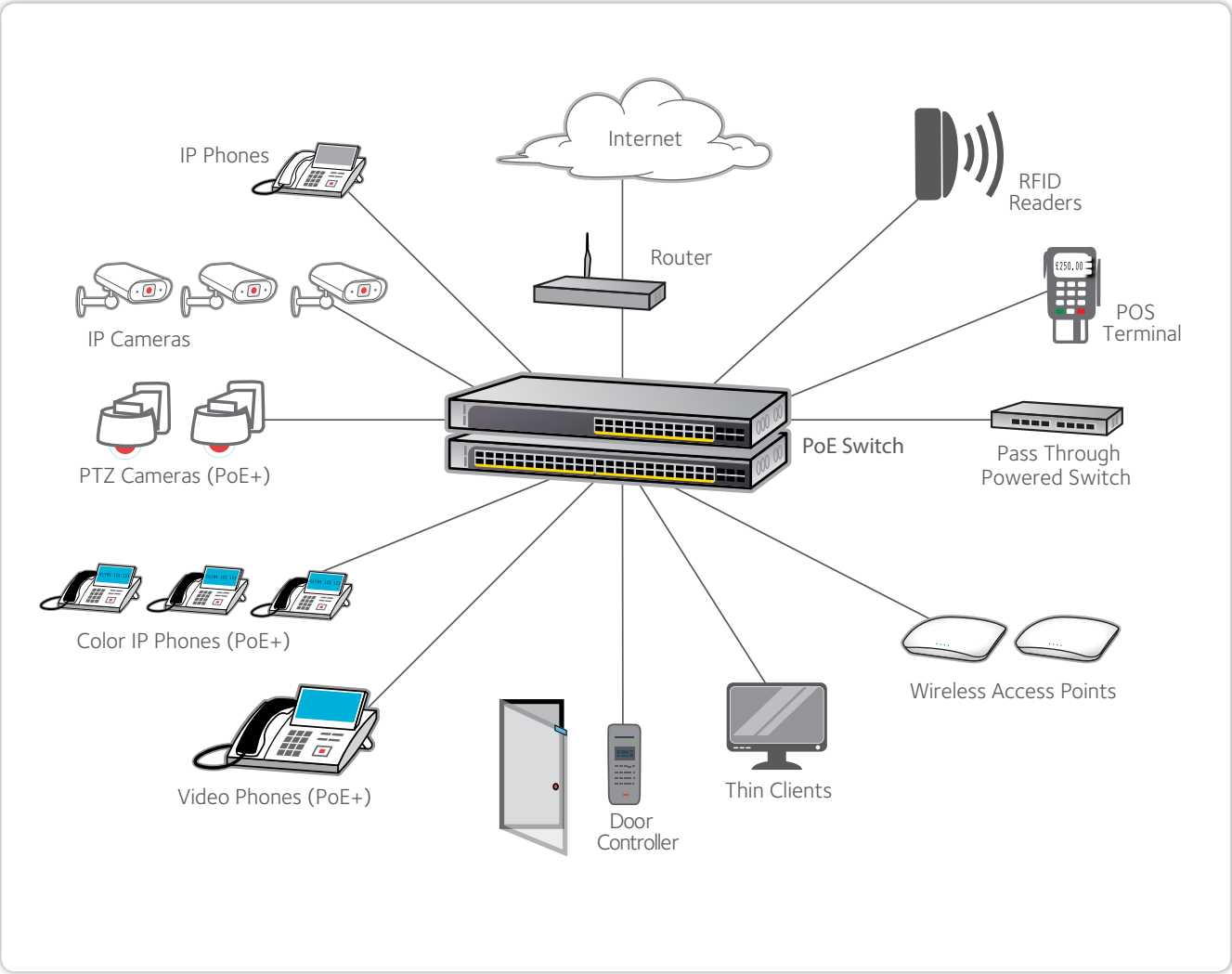
Just pick the one that fits your needs!

	CLICK SWITCH			EASY-MOUNT SWITCH/RACKMOUNT & BACK TO BACK IN 1U		
						
MODEL	GSS108E	GSS116E	GSS108EPP	GS408EPP	GS418TPP	M4200-10MG-POE+
Description	8-port Gigabit Click Switch w/2 USB charging ports	16-port Gigabit Click Switch	8-port Gigabit Click Switch w/4-port PoE+	8-port PoE+ Gigabit Easy-Mount Switch	Easy-Mount 16-Port PoE+ Gigabit Smart Managed Pro Switch with 2 SFP Ports	Full Power PoE+ 8x2.5G and 2x10G Aggregation Switch For Wave 2 11ac AP deployment
Typical Deployment	Noise-sensitive environment, small offices, retail, primary care centers, cafes	Noise-sensitive environment, small offices, retail, primary care centers, cafes	Noise-sensitive environment, small offices, retail, primary care centers, cafes with PoE devices	SMBs, retail, primary care centers, cafes with dense PoE device deployment	Hospitality, catering, education, retail with very dense PoE device deployment	Wireless AC Wave 2 device deployment, SMBs with dense PoE device deployment
Gigabit Ethernet ports	8	16	8	8	16 + 2SFP	
Multi-Gig Ethernet ports						8
10-Gigabit ports						2 SFP
PoE+ ports			4	8	16	8
PoE budget			47W	124W	240W	240W
Fan(s)	Fanless	Fanless	Fanless	Active fan/low noise	Active fan/low noise	Active fan/low noise
Management	Smart Managed Plus	Smart Managed Plus	Smart Managed Plus	Smart Managed Plus	Smart Managed Pro	Fully Managed

RELIABLE, AFFORDABLE, SIMPLE POE SOLUTIONS
FOR YOUR BUSINESS

Power-over-Ethernet (PoE) is a revolutionary technology that has been quickly adopted by devices such as VoIP phones, IP video surveillance, and wireless access points. PoE supplies not only data but also power through that same Ethernet cable, allowing for easier deployment of devices and greatly reducing electrical wiring requirements.

PoE APPLICATIONS



NETGEAR OFFERS A BROAD SPECTRUM OF
POWER-OVER-ETHERNET SWITCHES

NETGEAR SWITCHES WITH POE / POE+ / UPOE			
MODEL	PORTS	POE PORTS	POE BUDGET
UNMANAGED SWITCHES			
FS108P	8 x FE	4	53W
FS116P	16 x FE	8	70W
GS305P	5 x GbE	4	55.5W
GS308P	8 x GbE	4	53W
GS108LP	8 x GbE	8 (PoE+)	60W*
GS108PP	8 x GbE	8 (PoE+)	123W*
GS116LP	16 x GbE	16 (PoE+)	76W*
GS116PP	16 x GbE	16 (PoE+)	183W*
SMART MANAGED PLUS SWITCHES			
GS105PE* (PD-Powered Device ONLY - NO AC POWER)	5 x GbE	2 x PoE, 1 x PD	up to 19W with 802.3at power in, up to 7.9W with 802.3af power in
GS108PE	8 x GbE	4	53W
GSS108EPP	8 x GbE	4 (PoE+)	47W
GS408EPP	8 x GbE	8 (PoE+)	124W
JGS516PE	16 x GbE	8	85W
JGS524PE	24 x GbE	12	100W
SMART MANAGED PRO SWITCHES			
GS110TP	8 x GbE + 2 SFP	8	46W
GSS10TLTP	8 x GbE + 2 SFP	8 (PoE+)	75W
GSS10TP	8 x GbE + 2 SFP	8 (PoE+)	130W
GSS10TTP	8 x GbE + 2 SFP	8 (PoE+)	190W
MSS10TXPP	4 x GbE + 2 x 2.5GbE + 2 x 5GbE + 1 x 10GBASE-T + 1 x SFP+	8 (PoE+)	180W
GSS16TP	16 x GbE	8 x PoE, 2 x PD	76W (AC in), 22W (2x802.3at in), 11W (1x802.3at + 1x802.3af in)
GS418TTP	16 x GbE + 2 SFP	16 (PoE+)	240W
FS728TLTP	24 x FE + 2 x GbE + 2 Combo SFP	12	100W
FS728TP	24 x FE + 2 x GbE + 2 x Combo SFP	24	192W
GS724TPv2	24 x GbE and 2 GbE dedicated SFP	24 (PoE+)	190W
GS728TP	24 x GbE and 4 GbE dedicated SFP	24 (8 PoE+)	192W
GS728TPv2	24 x GbE and 4 GbE dedicated SFP	24 PoE+	190W
GS728TTP	24 x GbE and 4 GbE dedicated SFP	24 PoE+	384W
GS728TTPv2	24 x GbE and 4 GbE dedicated SFP	24 PoE+	380W
GS752TP	48 x GbE and 4 GbE dedicated SFP	48 (8 PoE+)	384W
GS752TPv2	48 x GbE and 4 GbE dedicated SFP	48 PoE+	380W
GS752TTP	48 x GbE and 4 GbE dedicated SFP	48 PoE+	760W
STACKABLE SMART MANAGED PRO SWITCHES			
S3300-28X-POE+ (GS728TTP)	24 x GbE + 4 Dedicated 10G ports (2 RJ45 + 2 SFP+)	24 (PoE+)	195W and up to 720W with RPS
S3300-52X-POE+ (GS752TTP)	48 x GbE + 4 Dedicated 10G ports (2 RJ45 + 2 SFP+)	48 (PoE+)	390W and up to 1400W with RPS
GS752TPSB (incl. AGC761 stacking cable)	48 x GbE and 2 Combo SFP and 4 Dedicated 1G/2.5G SFP	48 (8 PoE+)	384W
SMART CLOUD MANAGED SWITCHES			
GC110P	8 x GbE + 2 x 1G SFP	8	62W
GC510P	8 x GbE + 2 x 1G SFP	8 (PoE+)	134W
GC510PP	8 x GbE + 2 x 1G SFP	8 (PoE+)	195W
GC728XP	24 x GbE + 2 x 1G SFP + 2 x 10G SFP+	24 (PoE+)	390W
GC752XP	48 x GbE + 2 x 1G SFP + 2 x 10G SFP+	48 (PoE+)	505W
M4100 SERIES MANAGED SWITCHES (L2+ STANDALONE)			
M4100-12GF (GSM7212F)	12 x GbE with 12 shared SFP and 4 GbE PoE+	4 (PoE+)	150W
M4100-26G-POE (GSM7226LP)	26 x GbE + 4 Combo SFP	24	192W and up to 380W with EPS
M4100-24G-POE+ (GSM7224P)	24 x GbE + 4 Combo SFP	24 (PoE+)	380W and up to 720W with EPS
M4100-50G-POE+ (GSM7248P)	50 x GbE + 4 Combo SFP	48 (PoE+)	380W and up to 1,440W with EPS
M4200 SERIES INTELLIGENT EDGE MANAGED SWITCHES (L2+ L3 MULTI-GIGABIT)			
M4200-10MG-POE+ (GSM4210P)	8 x 2.5G + 2 x 10GBASE-T	8 (PoE+)	240W
M4300 SERIES INTELLIGENT EDGE MANAGED SWITCHES (L2+ L3 STACKABLE)			
M4300-28G-POE+ (GSM4328PA)	24 x GbE + 2 x 10GBASE-T + 2 x 10GBASE-X SFP+	24 (PoE+)	480W 1 PSU (AP5550W) 720W 2 PSUs
M4300-28G-POE+ (GSM4328PB)	24 x GbE + 2 x 10GBASE-T + 2 x 10GBASE-X SFP+	24 (PoE+)	630W (110V) 720W (220V) 1 PSU (AP51000W) 720W 2 PSUs
M4300-52G-POE+ (GSM4352PA)	48 x GbE + 2 x 10GBASE-T + 2 x 10GBASE-X SFP+	48 (PoE+)	480W 1 PSU (AP5550W) 720W 2 PSUs
M4300-52G-POE+ (GSM4352PB)	48 x GbE + 2 x 10GBASE-T + 2 x 10GBASE-X SFP+	48 (PoE+)	591W (110V) 860W (220V) 1 PSU (AP51000W) 1010W (110V) 1440W (220V) 2 PSUs
M4300-96X (XSM4396K0)	Up to 96 x 10GBASE-T or SFP+; up to 24 x QSFP+	48 (PoE+)	484W (110V) 634W (220V) 1 PSU (AP51200W) 1440W (2 PSU) (AP51200W)
M6100 SERIES CAMPUS EDGE AND SMB CORE CHASSIS SWITCHES			
XCM89P	PoE/PoE+ daughter card for XCM8944 & XCM8948	Up to 136 PoE+	Up to 30W per port
XCM89UP	PoE/PoE+ & UPOE daughter card for XCM8944 & XCM8948	Up to 136 UPOE	Up to 60W per port

* New Flexible PoE Power budgets with GS108LP/GS108PP/GS116LP/GS116PP allow for upgrading your PoE budget by purchasing an optional replacement power adapter.

Switch Naming Convention

Unmanaged & Smart Managed Plus – How to read the product code

FS/JFS

GS/JGS

GSS

MS

XS

1

08

E

M

X

LP

P

PP

Fast Ethernet

Gigabit Ethernet

Gigabit Ethernet ClickSwitch

Multigigabit Ethernet (5-speed)

10-Gigabit Ethernet

Series (see below for legend)

Number of Ports

Smart Managed Plus

Multigigabit Ethernet (5-speed) uplinks (GS-Series)* capable ports (XS-Series)

10-Gigabit uplinks

Low Power PoE

PoE or PoE+

High Power PoE or PoE+

Smart Managed Pro & Smart Cloud Switches – How to read the product code

FS

GS

GC

MS

XS

7

52

T

X

LP

P

PP

S

Fast Ethernet

Gigabit Ethernet

Smart Cloud Gigabit Ethernet

Multigigabit Ethernet (5-speed)

10-Gigabit Ethernet

Series (see below for legend)

Number of Ports

Smart Managed ProStackable

10-Gigabit uplinks

Low Power PoE

PoE or PoE+

High Power PoE or PoE+

Stackable

*Note: S3300 (GS728X/XP & GS752X/XP) are also stackable.

Fully Managed Switches – How to read the product code

GS

M

7

3

28

S

Gigabit Ethernet

Fully Managed

Switch Series

Layer 3

Number of Ports

Stackable

10-Gigabit Ethernet

Fully Managed

Switch Series

Layer 2+

Number of Ports

Stackable

Legend

- 1 = Desktop (ProSAFE, Insight)

2 = Desktop Essentials (Plastic)

3 = Desktop Essentials (Metal)
- 4 = Easy-Mount

5 = Desktop/Rackmount (13")

6 = Desktop SOHO (Plastic)
- 7 = Rackmount (17")

8 = Nighthawk Pro Gaming (Desktop)

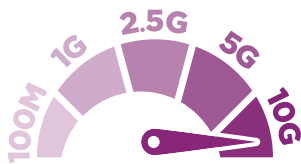
9 = Desktop Lifestyle (Plastic)

A SHORT GUIDE TO NETGEAR SWITCHES MANAGEMENT

Just pick the type of management that is right for you

	Unmanaged FOR HOME AND BUSINESS	Smart Managed Plus FOR HOME AND BUSINESS	Smart Managed Pro FOR SMB NETWORKS	Smart Cloud FOR SMB NETWORKS	Fully Managed FOR SMALL NETWORK CORE AND MID-ENTERPRISE EDGE
Split a Single Ethernet Connection					
Plug-and-Play					
Easy to Use					
Web GUI Management					
Network Control (VLAN, QoS, IGMP)					
Network Security (Storm Control, Auto DoS)					
Advanced VLAN & QoS					
Advanced Security					
Static Routing					
Higher Performance					
Advanced L2, L3, L4 Routing and Features					
Insight Management					
Remote Cloud Management					
CLI Management					
SDN Ready					
BEST HA & Redundancy					
Premium Performance					

UNLOCK YOUR NETWORK POTENTIAL WITH 5-SPEED NETWORKING!



Modern, high-performance network devices such as 5G network cards, gaming computers, desktop computers, servers, network attached storage (NAS) devices, or IEEE 802.11ac Wave 2 wireless access points are capable of 2.5-Gigabit or 5-Gigabit connectivity. With the existing Gigabit and 10-Gigabit Ethernet standards, these devices’ potential is wasted:

- The existing Gigabit and 10-Gigabit Ethernet standards do not allow speeds between 10 Gbps and 1 Gbps. If you connect an 802.11ac Wave 2 wireless access point or other Multi-Gigabit-capable device to a 10-Gigabit switch port, the connection automatically downgrades to 1 Gbps because the device cannot achieve 10 Gbps.
- The existing 10-Gigabit Ethernet standard requires Cat 6A or better Ethernet cable for lengths up to 100 meters (328 feet). However, most existing cabling is only Cat 5e or Cat 6, and re-wiring can be costly.

Multi-Gigabit Ethernet switching fixes both problems by allowing a connection to operate at any speed up to the speed of the connected switch port (2.5 Gbps or 5 Gbps) over a Cat 5e or Cat 6 Ethernet cable.

With NETGEAR Multi-Gigabit Ethernet Switches, you can use the full power of your devices without running new cables. Just connect the appropriate port on your NETGEAR Multi-Gigabit Ethernet Switch to a Multi-Gigabit-capable device and your switch selects the fastest supported speed automatically.

Give the speed that your devices need



5 TIMES FASTER USING THE SAME CABLING

	1G	2.5G	5G	10G
CAT 5e	✓	✓	✓	
CAT 6	✓	✓	✓	55m Limit
CAT 6A	✓	✓	✓	✓

Multi-Gig vs 5-speed, what is the difference?

MULTI-GIG PORT: intelligent port that automatically adapts to the speed required and can provide 2.5G and/or 5G connectivity (NBase-T standard)

5-SPEED PORT: intelligent port that automatically adapts to the speed required and can provide either one of the 5 networking speeds: 100M /1G / 2.5G / 5G or 10G.

NETGEAR WIDE PORTFOLIO OF MULTI-GIG / 5-SPEED SWITCHES

	XS505M	XS508M	GS110MX	GS110EMX	XS512EM	XS724EM	MS510TX	MS510TXPP	M4200
# of Ports	5	8	10	10	12	24	10	10	10
# of 1G Ports			8	8			4	4	
# of 1G/2.5G Multi-Gig Ports							2	2	6
# of 1G/2.5G/5G Multi-Gig Ports							2	2	2
# of 10G Fiber Ports	1	1			2	2	1	1	2
# of 5-Speed Ports (100M/1G/2.5G/5G/10G)	4	7	2	2	12	24	1	1	
PoE+ Ports								8	8
Type of Management	Unmanaged	Unmanaged	Unmanaged	Smart Managed Plus	Smart Managed Plus	Smart Managed Plus	Smart Managed Pro	Smart Managed Pro	Fully Managed
Plug and Play	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Web Interface for Configuration				Yes	Yes	Yes	Yes	Yes	Yes
Easy Mount									Yes

NETWORKING FOR ZERO-LATENCY AND FLAWLESS AV-OVER-IP



Matrix switching challenges

Lack of scalability

- No I/O flexibility - 32x32, 64x64 limits
- No flexibility when adding ports or upgrading resolution (4K, 8K)

Proprietary technology & lack of compatibility

- No possibility to mix different AV vendors
- Slower adoption by the IT community

Complex deployment

- Complicated programming required
- Complex firmware updates

AV-over-IP with NETGEAR

Unprecedented cost savings

- 16x16 matrix switcher = \$1250 per port
- NETGEAR 10-Gigabit switches < \$100 per port

Increased I/O flexibility & scalability

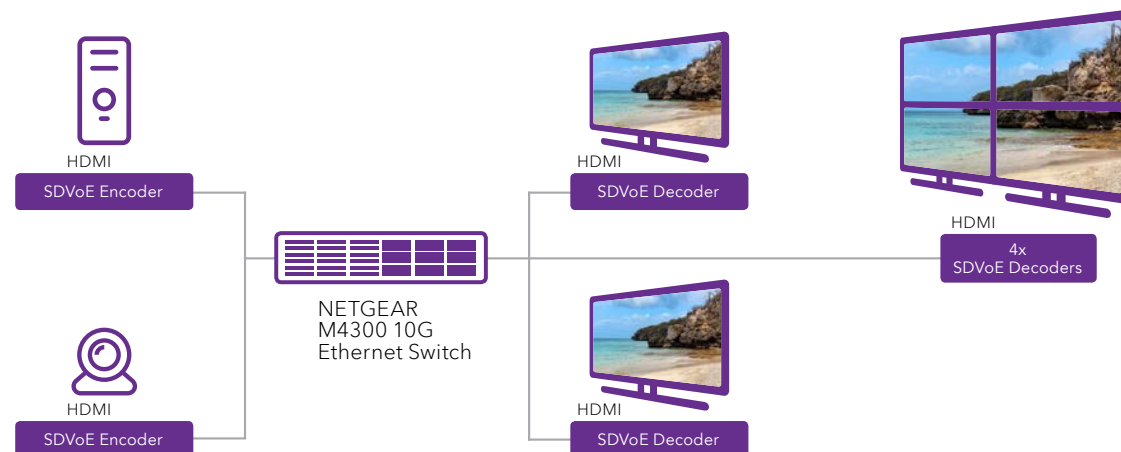
- Ethernet ports are fully bi-directional so each port may be treated as an AV input or an AV output.
- Flexible 1x23, 6x18, 4x20 are all possible.

Pre-configured – Plug and Play

- Firmware optimized for 4K60 video out of the box
- SDVoE-ready with pre-configured Multicast/IGMP

More business with more profits

- Win new business with more attractive price points
- Provide more added-value projects
- Tackle more jobs in the same timeframe



M4300 series



Pre-configured AV-over-IP switches

Large portfolio of ProAV switches

- 8 to 96 ports of 10G, combined copper and fiber

Zero-Touch installation

- Pre-configured Multicast/IGMP

Best-In-Class stacking

- high-availability stacking between 10G & 1G

ProSAFE Lifetime Limited Warranty

- Next Business Day Replacement, Lifetime Online chat support

M4300-96X focus

Unique 10G / 40G modular solution

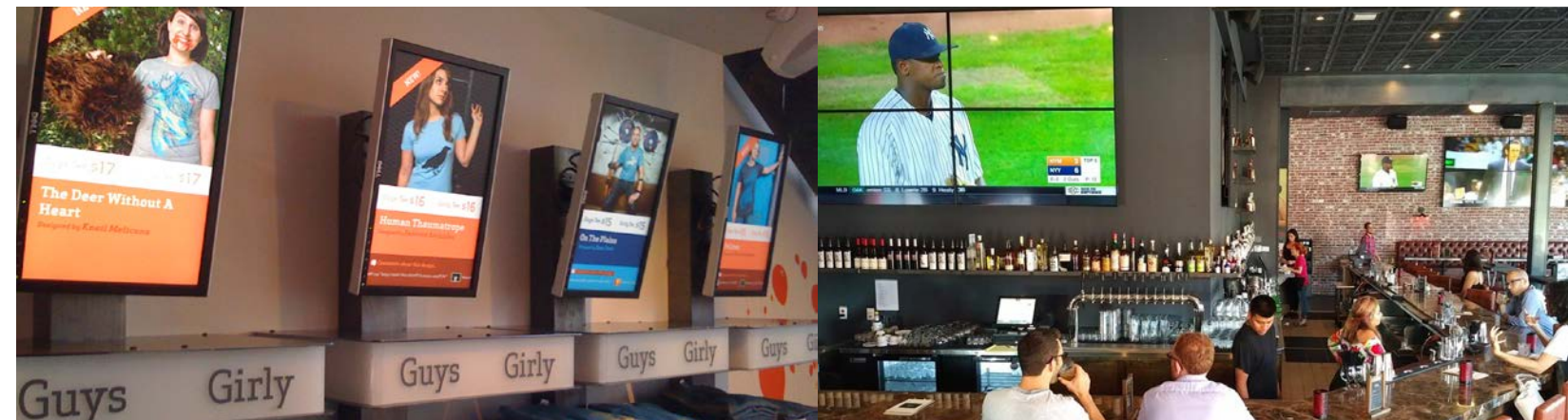
- 8 to 96 ports of 10G and from 2 to 24 ports of 40G, PoE options

Scalable

- Replaces 8x8, 12x12, 16x16, 24x24 and 48x48 matrix switchers with a single switch

High-capacity

- Even up to a 72x72 equivalent configuration with high-performance stacking



NETGEAR – SDVoE* founding member



SDVoE mission

- Define best practices and guidelines for AV-over-IP
- Member products interact without technical issues
- Use Ethernet to transport AV signals
- Educate the industry on no compromise, flawless AV-over-IP

Get help from our experts

- Lifetime hardware warranty
- Next Business Day Replacement
- 24/7 90 day phone support
- 24/7 Lifetime chat support
- Additional ProSUPPORT for Business packages for installation services, extended warranty and phone support
- Active community

*Software-Defined Video over Ethernet www.sdvoe.org

WHY CUSTOMERS CHOOSE NETGEAR UNMANAGED SWITCHES

Unmanaged switches are the ideal solution for small and medium organizations looking to expand their network with a Plug-and-Play solution.


NETGEAR Unmanaged Switches offers a wide range of models for different network deployment requirements.

Unmanaged switches are plug-and-play switches for businesses in need of instant connectivity with no management required. These energy efficient switches are well built and rigorously tested to provide the reliability businesses need. 802.1p traffic prioritization and jumbo frame support allow for seamless integration with more sophisticated networks.




Discover the 10 reasons why our customers love NETGEAR Unmanaged Switches

1	Market’s widest portfolio	NETGEAR gets you covered with a comprehensive and versatile portfolio of Unmanaged switches including Full Fast Ethernet Switches and Full Gigabit Switches, a wide range of Ethernet port options 5, 8, 16, 24, 48 and multiple form factors.
2	Versatile Mounting Options	NETGEAR Unmanaged Switches comes in different form factors (Desktop and Rackmount) that allows you to install it in a wall, as a desktop switch or in a rack in an IT closet.
3	Plug-and-Play	No configuration required, just plug your devices and connect!
4	Silent Switches	All NETGEAR Unmanaged Switches are fanless, which makes them ideal for deployment in a quiet or noise-sensitive environment (conference rooms, doctor’s office, office open space,...)
5	Traffic Prioritization	Prioritize mission-critical applications such as voice and video. Support of IEEE 802.1p and DSCP-based QoS for delivering data based on priority and type.
6	Easy to Monitor	Per port LEDs to easily identify each port activity and speed.
7	High-Quality Components	Built with Top Quality components to assure a long life. Unmanaged switches are built to last, and rigorously tested to provide the reliability businesses need.
8	Power it all	Choose from the broadest choice of PoE power to enable seamless PoE connection of standard PoE devices (IP Phones, Wireless Access Points, IP Cameras even high-power Pan-Tilt-Zoom models, IoT devices, etc).
9	Energy Efficient	NETGEAR Unmanaged Switches support the latest Energy Efficient Ethernet (IEEE 802.3az) standard, which reduces energy consumption when there is light traffic on an active ports or when there is no link or no activity detected. It can further save energy when a short cable is used.
10	Best-in-Class Warranty	100/500 Unmanaged Switches are covered with NETGEAR Industry’s leading ProSAFE Lifetime Warranty, not only on hardware but also including lifetime online support as well as next-business day (NBD) replacement support, providing customers peace-of-mind.





Unmanaged Switches

Unmanaged, L2, 10/100 Fast Ethernet					
					
MODEL		FS105	FS108	FS108P	FS116
Port Configuration	10M/100M RJ45 Copper Ports (Auto Uplink)	5	8	8	16
	10M/100M/1G RJ45 Copper Ports (Auto Uplink)				
PoE	# of PoE Ports				
	Power Over Ethernet 802.3af Ports			4	
	PoE Plus (30W) 802.3at Ports				
	Total PoE/PoE+ Budget			53W	
Scalability	# MAC Addresses	2K	2K	1K	8K
	MAC Address Aging (sec)	289 sec	292 sec	200 ~ 300 sec	200 ~ 300 sec
Quality of Service	Number of Priority Queues				2
	Traffic Prioritization			Honors 802.1p Priority Tags	Honors 802.1p Priority Tags
Performance	Bandwidth	1 Gbps	1.6 Gbps	1.6 Gbps	3.2 Gbps
	Buffer Memory	48 KB	96 KB	96 KB	160 KB
	Jumbo Frames	2,048 bytes	2,048 bytes	Not Supported	Not Supported
Energy Efficiency	IEEE 802.3az	✓	✓	✓	
	Auto Port Power Down	✓	✓	✓	
	Max Power Consumption	0.90W	1.01W	3.1W (no PoE) 56.1W (with PoE max)	5.46W
Physical	Desktop/Rackmount/Click	Desktop, Wallmount	Desktop, Wallmount	Desktop, Wallmount	Desktop, Wallmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal
	MTBF @ 25°C	4,262,794 hrs (487 yrs)	4,015,496 hrs (458 yrs)	927,000 hrs (106 yrs)	4,046,880 hrs (462 yrs)
	Fan(s)	None	None	None	None
	Width x Depth x Height	94 x 100 x 27 mm (3.7 x 3.9 x 1.1 in)	158 x 101 x 27 mm (6.2 x 4.0 x 1.1 in)	235 x 103 x 27 mm (9.3 x 4.1 x 1.1 in)	285 x 102 x 27 mm (11.2 x 4.0 x 1.1 in)
	Weight	0.26 kg (0.57 lb)	0.39 kg (0.86 lb)	0.70 kg (1.54 lb)	0.80 kg (1.76 lb)
Electromagnetic Compliance	Class (A or B)	B	B	B	A
Warranty Hardware*		Lifetime* Limited	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited
Warranty Power Supply		2 years	2 years	2 years	2 years
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0S11 PMB0S31 PMB0S51	PMB0S11 PMB0S31 PMB0S51	PMB0S11 PMB0S31 PMB0S51	PMB0S11 PMB0S31 PMB0S51





Unmanaged Switches

Unmanaged, L2, 10/100 Fast Ethernet				
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MODEL		FS116P	JFS516	JFS524
Port Configuration	10M/100M RJ45 Copper Ports (Auto Uplink)	16	16	24
	10M/100M/1G RJ45 Copper Ports (Auto Uplink)			
PoE	# of PoE Ports			
	Power Over Ethernet 802.3af Ports	8		
	PoE Plus (30W) 802.3at Ports			
	Total PoE/PoE+ Budget	70W		
Scalability	# MAC Addresses	8k	8K	8K
	MAC Address Aging (sec)	200 ~ 300 sec	300 sec	300 sec
Quality of Service	Number of Priority Queues	2		4
	Traffic Prioritization	Honors 802.1p Priority Tags		Honors 802.1p Priority Tags
Performance	Bandwidth	3.2 Gbps	3.2 Gbps	4.8 Gbps
	Buffer Memory	256 KB	256 KB	256 KB
	Jumbo Frames	not supported	2,048 bytes	2,048 bytes
Energy Efficiency	IEEE 802.3az	✓	✓	✓
	Auto Port Power Down	✓		
	Max Power Consumption	10W (no PoE) 80W (with PoE max)	2.7W	4W
Physical	Desktop/Rackmount/Click	Desktop/Wallmount	Desktop, Rackmount	Desktop/Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal
	MTBF @ 25°C	546,673 hrs (62 yrs)	2,956,082 hrs (337 yrs)	2,940,540 hrs (336 yrs)
	Fan(s)	None	None	None
	Width x Depth x Height	286 x 102 x 27 mm (11.3 x 4.0 x 1.1 in)	280 x 126 x 44 mm (11.0 x 5.0 x 1.7 in)	280 x 126 x 44 mm (11.0 x 5.0 x 1.7 in)
	Weight	0.90 kg (1.98 lb)	0.92 kg (2.03 lb)	0.54 kg (1.19 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A
Warranty Hardware*		Lifetime* Limited	Lifetime* Limited	Lifetime* Limited
Warranty Power Supply		2 years	Internal (same as switch)	Internal (same as switch)
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0S11 PMB0S31 PMB0S51	PMB0S11 PMB0S31 PMB0S51	PMB0S12 PMB0S32 PMB0S52





Unmanaged Switches

Unmanaged, L2, Gigabit					
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MODEL		GS305	GS305P	GS308	GS308P
Port Configuration	10M/100M RJ45 Copper Ports (Auto Uplink)				
	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	5	5	8	8
PoE	# of PoE Ports				
	Power Over Ethernet 802.3af Ports		4		4
	PoE Plus (30W) 802.3at Ports				
	Total PoE/PoE+ Budget		55.5W		53W
Scalability	# MAC Addresses	2K	2K	8K	4K
	MAC Address Aging (sec)	300 sec	300 sec	300 sec	300 sec
Quality of Service	Number of Priority Queues				
	Traffic Prioritization	802.1p based QoS/CoS	802.1p based QoS/CoS	802.1p based QoS/CoS	802.1p based QoS/CoS
Performance	Bandwidth	10 Gbps	10 Gbps	16 Gbps	16 Gbps
	Buffer Memory	128 KB	128 KB	128 KB	192 KB
	Jumbo Frames	9,216 bytes	9,216 bytes	9,216 bytes	9,720 bytes
Energy Efficiency	IEEE 802.3az	✓	✓	✓	✓
	Auto Port Power Down	✓	✓	✓	✓
	Max Power Consumption	2.15W	3.4W (no PoE) 60.0W (with PoE max)	3.04W	7.0W (no PoE) 60.0W (with PoE max)
Physical	Form-factor/Mounting (Desktop, Wall, Rack)	Desktop, Wallmount	Desktop, Wallmount	Desktop, Wallmount	Desktop, Wallmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal
	MTBF @ 25°C	3,831,422 hrs (437 yrs)	3,222,482 hrs (368 yrs)	3,711,898 hrs (424 yrs)	2,244,211 hrs (256 yrs)
	Fan(s)	None	None	None	None
	Width x Depth x Height	101 x 94 x 29 mm (4.0 x 3.7 x 1.1 in)	158 x 101 x 29 mm (6.2 x 4.0 x 1.1 in)	158 x 101 x 29 mm (6.2 x 4.0 x 1.1 in)	158 x 101 x 29 mm (6.2 x 4.0 x 1.1 in)
	Weight	0.25 kg (0.55 lb)	0.41 kg (0.9 lb)	0.39 kg (0.86 lb)	0.46 kg (1.02 lb)
Electromagnetic Compliance	Class (A or B)	B	A	B	A
Warranty Hardware*		3 years	3 years	3 years	3 years
Warranty Power Supply		3 years	3 years	3 years	3 years
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0S11 PMB0S31 PMB0S51	PMB0S11 PMB0S31 PMB0S51	PMB0S11 PMB0S31 PMB0S51	PMB0S11 PMB0S31 PMB0S51






Unmanaged Switches

Unmanaged, L2, Gigabit					
<div></div>					
MODEL		GS316	GS324	GS348	GS908
Port Configuration	10M/100M RJ45 Copper Ports (Auto Uplink)				
	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	16	24	48	8
PoE	# of PoE Ports				
	Power Over Ethernet 802.3af Ports				
	PoE Plus (30W) 802.3at Ports				
	Total PoE/PoE+ Budget				
Scalability	# MAC Addresses	16K	8K	8K	8K
	MAC Address Aging (sec)	300 sec	300 ~ 600 sec	300 sec	300 sec
Quality of Service	Number of Priority Queues				
	Traffic Prioritization	802.1p based QoS/CoS	802.1p based QoS/CoS	802.1p based QoS/CoS	802.1p based QoS/CoS
Performance	Bandwidth	32 Gbps	48 Gbps	96 Gbps	.0 Gbps
	Buffer Memory	768 KB	512 KB	1.5 MB	128 KB
	Jumbo Frames	9,216 bytes	9,216 bytes	9,216 bytes	9,216 bytes
Energy Efficiency	IEEE 802.3az	✓	✓	✓	✓
	Auto Power Down	✓	✓	✓	✓
	Max Power Consumption	8.4W	11.1W	23W	3.1W
Physical	Desktop/Rackmount/Click	Desktop, Wallmount	Desktop, Wallmount, Rackmount	Desktop, Rackmount	Desktop, Wallmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Plastic
	MTBF @ 25°C	9,041,798 hrs (1032 yrs)	620,798 hrs (71 yrs)	1,094,297 hrs (125 yrs)	6,768,957 hrs (773 yrs)
	Fan(s)	None	None	None	None
	Width x Depth x Height	286 x 101 x 26 mm (11.3 x 4.0 x 1.0 in)	252 x 180 x 44 mm (9.9 x 7.1 x 1.7 in)	440 x 202 x 43 mm (17.3 x 8.0 x 1.7 in)	234 x 164 x 33 mm (9.2 x 6.5 x 1.3 in)
	Weight	0.84 kg (1.86 lb)	1.31 kg (2.90 lb)	3.15 kg (6.95 lb)	0.36 kg (0.80 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A	B
Warranty Hardware*		3 years	3 years	3 years	3 years
Warranty Power Supply		3 years	Internal (same as switch)	Internal (same as switch)	3 years
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year	PMB0S12	PMB0S12	PMB0S12	PMB0S11
	OnCall 24x7 3-year	PMB0S32	PMB0S32	PMB0S32	PMB0S31
	OnCall 24x7 5-year	PMB0S52	PMB0S52	PMB0S52	PMB0S51




Unmanaged Switches

Unmanaged, L2, Gigabit					
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MODEL		GS105	GS108	GS108LP	GS108PP
Port Configuration	10M/100M RJ45 Copper Ports (Auto Uplink)				
	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	5	8	8	8
PoE	# of PoE Ports				
	Power Over Ethernet 802.3af Ports				
	PoE Plus (30W) 802.3at Ports				
	Total PoE/PoE+ Budget				
Scalability	# MAC Addresses	2K	4K	4K	4K
	MAC Address Aging (sec)	300 sec	300 sec	300 sec	300 sec
Quality of Service	Number of Priority Queues				
	Traffic Prioritization	802.1p based QoS/CoS	802.1p based QoS/CoS	802.1p based QoS/CoS	802.1p based QoS/CoS
Performance	Bandwidth	10 Gbps	16 Gbps	16 Gbps	16 Gbps
	Buffer Memory	128 KB	192 KB	192 KB	192 KB
	Jumbo Frames	9,216 bytes	9,720 bytes	9,216 bytes	9,216 bytes
Energy Efficiency	IEEE 802.3az	✓	✓	✓	✓
	Auto Port Power Down	✓	✓	✓	✓
	Max Power Consumption	2.7W	4.92W	3.86W (no PoE) 67.5W (with PoE max)	3.86W (no PoE) 130W (with PoE max)
Physical	Desktop/Rackmount/Click	Desktop/Wallmount	Desktop/Wallmount	Desktop/Wallmount/Rackmount	Desktop/Wallmount/Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal
	MTBF @ 25°C	3,197,945 hrs (365 yrs)	9,727,733 hrs (1110 yrs)	2,752,476 hrs (314 yrs)	2,752,476 hrs (314 yrs)
	Fan(s)	None	None	None	None
	Width x Depth x Height	94 x 100 x 27 mm (3.7 x 3.9 x 1.1 in)	158 x 102 x 27 mm (6.2 x 4.0 x 1.1 in)	236 x 102 x 27 mm (9.3 x 4.0 x 1.1 in)	236 x 102 x 27 mm (9.3 x 4.0 x 1.1 in)
	Weight	0.26 kg (0.57 lb)	0.47 kg (1.04 lb)	0.60 kg (1.32 lb)	0.60 kg (1.32 lb)
Electromagnetic Compliance	Class (A or B)	B	B	A	A
Warranty Hardware*		Lifetime* Limited	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited
Warranty Power Supply		2 years	2 years	2 years	2 years
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year	PMB0S11	PMB0S11	PMB0S12	PMB0S12
	OnCall 24x7 3-year	PMB0S31	PMB0S31	PMB0S32	PMB0S32
	OnCall 24x7 5-year	PMB0S51	PMB0S51	PMB0S52	PMB0S52

Unmanaged Switches

Unmanaged, L2, Gigabit						
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MODEL		GS116	GS116LP	GS116PP	JGS516	JGS524
Port Configuration	10M/100M RJ45 Copper Ports (Auto Uplink)					
	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	16	16	16	16	24
PoE	# of PoE Ports		16	16		
	Power Over Ethernet 802.3af Ports		16	16		
	PoE Plus (30W) 802.3at Ports					
	Total PoE/PoE+ Budget		76W	183W		
Scalability	# MAC Addresses	8K	4K	4K	8K	8K
	MAC Address Aging (sec)	300 sec	300 sec	300 sec	300 sec	300 sec
Quality of Service	Number of Priority Queues					
	Traffic Prioritization	802.1p based QoS/CoS	802.1p based QoS/CoS	802.1p based QoS/CoS	802.1p based QoS/CoS	802.1p based QoS/CoS
Performance	Bandwidth	32 Gbps	32 Gbps	32 Gbps	32 Gbps	48 Gbps
	Buffer Memory	256 KB	1 MB	1 MB	256 KB	256 KB
	Jumbo Frames	9,216 bytes	9,216 bytes	9,216 bytes	9,216 bytes	9,216 bytes
Energy Efficiency	IEEE 802.3az	none	✓	✓	✓	✓
	Auto Port Power Down	✓	✓	✓	✓	✓
	Max Power Consumption	9.5W	12.9W (no PoE) 90W (with PoE max)	12.9W (no PoE) 200W (with PoE max)	11.8W	17.9W
Physical	Desktop/Rackmount/Click	Desktop, Wallmount	Desktop/Wallmount/ Rackmount	Desktop/Wallmount/ Rackmount	Desktop/Rackmount	Desktop/Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal	Metal
	MTBF @ 25°C	554,582 hrs (63 yrs)	2,362,192 hrs (270 yrs)	2,362,192 hrs (270 yrs)	441,123 hrs (50 yrs)	238,872 hrs (27 yrs)
	Fan(s)	None	None	None	None	None
	Width x Depth x Height	286 x 100 x 27 mm (11.3 x 3.9 x 1.1 in)	286 x 102 x 27 mm (11.3 x 4.0 x 1.1 in)	286 x 102 x 27 mm (11.3 x 4.0 x 1.1 in)	328 x 169 x 43 mm (12.9 x 6.7 x 1.7 in)	328 x 169 x 43 mm (12.9 x 8.2 x 1.7 in)
	Weight	0.90 kg (1.98 lb)	0.88 kg (1.94 lb)	0.88 kg (1.94 lb)	1.47 kg (3.57 lb)	1.65 kg (3.64 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A	A	A
Warranty Hardware*		Lifetime* Limited	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited
Warranty Power Supply		2 years	2 years	2 years	Internal (same as switch)	Internal (same as switch)
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year	PMB0S12	PMB0S12	PMB0S12	PMB0S12	PMB0S12
	OnCall 24x7 3-year	PMB0S32	PMB0S32	PMB0S32	PMB0S32	PMB0S32
	OnCall 24x7 5-year	PMB0S52	PMB0S52	PMB0S52	PMB0S52	PMB0S52

Unmanaged Switches

Unmanaged, L2, 10G/Multi-Gig Switches				
<div></div>				
MODEL		XS505M	XS508M	GS110MX
Port Configuration	10M/100M/1G RJ45 Copper Ports (Auto Uplink)			8
	100M/1G/2.5G/5G/10G RJ45 Copper Ports (Auto Uplink)	4	8	2
	10G SFP+ Fiber Ports	1 SFP+ (dedicated)	1 Combo SFP+ (10G)	
PoE	# of PoE ports			
	# PoE+ 802.3at Ports			
	# of PD port			
	Total PoE/PoE+ Budget			
Scalability	# MAC Addresses	2K	2K	16K
	MAC Address Aging (typical, sec)	300 sec	300 sec	300 sec
Quality of Service	802.1p-based QoS/CoS	✓	✓	✓
Performance	Total Bandwidth (Non-Blocking Fabric) (Gbps)	10 Gbps	10 Gbps	56 Gbps
	Buffer Memory (Packet Buffer Size)	125 KB	125 KB	128 KB
	Jumbo Frames	9,216 bytes	9,216 bytes	10,240 bytes
Energy Efficiency	IEEE 802.3az	✓	✓	✓
	Auto Port Power Down	✓	✓	✓
	Short Cable Detection/Power Saving	✓	✓	✓
	Max Power Consumption	22.5W	39W	13.2W
Physical	Desktop/Rackmount/Click	Desktop/Wallmount	Desktop/Wallmount	Desktop/Wallmount/Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal
	MTBF @ 25°C	1,093,237 hrs (125 yrs)	1,145,157 hrs (131 yrs)	2,320,394 hrs (265 yrs)
	Fan(s)	1	1	None
	Acoustic Noise @ 25°C	22.5dBA	22.5dBA	0dBA
	Width x Depth x Height	328 x 169 x 43 mm (12.9 x 6.7 x 1.7 in)	328 x 169 x 43 mm (12.9 x 6.7 x 1.7 in)	236 x 102 x 27 mm (9.3 x 4.0 x 1.1 in)
	Weight	1.38 kg (3.04 lb)	1.49 kg (3.28 lb)	0.74 kg (1.63 lb)
Electromagnetic Compliance	(Class A or B)	B	B	
Warranty	Hardware/Switch	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited
	Power Supply	Internal (same as switch)	Internal (same as switch)	2 years
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0311 PMB0331 PMB0351	PMB0311 PMB0331 PMB0351	PMB0S12 PMB0S32 PMB0S52

WHY SMART SMBs CHOOSE SMART MANAGED PLUS SWITCHES

Smart Managed Plus switches are the ideal solution for small and medium organizations looking to step up from unmanaged switches and go beyond simple network connectivity.

NETGEAR Gigabit Smart Managed Plus Switches deliver network monitoring, traffic prioritization and network segmentation to small businesses who want more visibility and control on top of plug-and-play connectivity. Easy-to-use web browser-based management GUI makes advanced setup simple.

They also come with leading ProSAFE Lifetime Hardware Warranty, Lifetime Technical Support through online chat, and Lifetime Next Business Day hardware replacement for utmost peace of mind.


Discover the 10 reasons why our customers love NETGEAR Smart Managed Plus Switches

1	Market’s widest product portfolio	NETGEAR gets you covered with a comprehensive and versatile portfolio of Smart Managed Plus switches including 1-Gigabit, Multi-Gigabit, 10-Gigabit connectivity, a large range of PoE/PoE+ budgets and choice of copper or fiber for flexible deployment.
2	Unique Mounting Form Factors (Click, Easy-Mount)	NETGEAR Smart Managed Plus Click & Easy-Mount Switches feature an innovative mounting system that allow them to be easily located where you need them - under a table, on a pole/desk leg, or on the wall - with their flexible mounting bracket. Their unique slim and sleek design also enables "out of sight" deployment like no other switch does.
3	Know what’s happening in your Network	Identify any possible cable issues or abnormal traffic behavior with cable health test and port statistics
4	Secure your Network	Add protection to your network against possible threats thanks to Auto DoS and Storm Control features. Moreover, you can isolate the different networks (voice, video, data) using VLANs.
5	Full 10-Gigabit models	NETGEAR is leading by far the 10-Gigabit switching market and provides a full range of 10G Smart Switches with low-latency, line-rate 10G Copper “BASE-T” technology with backward compatibility to Fast Ethernet (depending on model) and Gigabit Ethernet.
6	Smart IT, not big IT	Easy-to-use web browser-based management GUI makes setup and management simple. Get the smart features with the easiest management.
7	Easy-to-Configure	Intuitive GUI interface with Basic Configuration Modes to help any customer to configure any network protocol.
8	Power it all	Choose from the broadest choice of PoE/PoE+ power to enable seamless PoE connection of standard PoE devices (IP Phones, Wireless Access Points, IP Cameras even high-power Pan-Tilt-Zoom models, IoT devices, etc).
9	Plus Redundancy	Smart Managed Plus Switches provide link redundancy with static LAG support and Loop Prevention to minimize possible downtimes.
10	Best-in-Class Warranty	All NETGEAR Smart Managed Plus are covered for the full life of the hardware, including next business-day replacement. In addition, all NETGEAR switches with ProSAFE Lifetime Warranty include 90 days of technical support via phone and lifetime support through online chat.






Smart Managed Plus Switches

Smart Managed Plus, L2, Gigabit						
MODEL		GS105E	GS105PE	GS108E	GS116E	JGS516PE
Port Configuration	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	5	5	8	16	16
PoE	PoE (15.4W) 802.3af Ports					8
	Total PoE/PoE+ Budget	PoE pass-thru: - With AT in: 19.0W - With AF in: 7.9W				85W
Scalability	# MAC Addresses	2K	2K	4K	16K	16K
	Dynamic MAC	✓	✓	✓	✓	✓
System Management	Single IP Management					
	Web Managed/GUI	✓	✓	✓	✓	✓
	DHCP (Client/Server)	DHCP Client	DHCP Client	DHCP Client	DHCP Client	DHCP Client
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One
Quality of Service	Number of Priority Queues	4	4	4	4	4
	Traffic Prioritization	802.1p, Port-based and DSCP	802.1p, Port-based and DSCP	802.1p, Port-based and DSCP	802.1p, Port-based (CoS)	802.1p, Port-based (CoS)
	Auto Voice VLAN					
Multicast Filtering	IGMP Snooping Version	v1, v2 and v3	v1, v2 and v3	v1, v2 and v3	v1, v2 and v3	v1, v2 and v3
Performance	Bandwidth	10 Gbps	10 Gbps	16 Gbps	32 Gbps	32 Gbps
	Buffer Memory	128 KB	128 KB	192 KB	768 KB	768 KB
	Jumbo Frames	9,216 bytes	9,216 bytes	9,720 bytes	9,216 bytes	9,216 bytes
Traffic Management	Number of 802.1q VLAN/ Number of VLAN Group	64	64	32	100	100
	Port Trunking/Link Aggregation (Manual Static LAGs)	Static LAG				
	Rate Limiting	✓	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓	✓
	Energy Efficiency	IEEE 802.3az	✓	✓	✓	✓
Energy Efficiency	Auto Port Power Down	✓	✓	✓	✓	✓
	Dynamic Power Consumption	✓				✓
	Max Power Consumption	2.6W	2W (no PoE) 22W (with PoE max)	4.5W	10W	25W (no PoE) 110W (with PoE max)
	Physical	Desktop/Rackmount/Click	Desktop, Wallmount	Desktop, Wallmount	Desktop, Wallmount	Desktop, Rackmount
Physical	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal	Metal
	MTBF @ 25°C	2,531,294 hrs (290 yrs)	1,685,972 hrs (193 yrs)	2,525,259 hrs (289 yrs)	504,993 hrs (58 yrs)	840,354 hrs (96 yrs)
	Fan(s)	None	None	None	None	None
	Acoustic Noise at 25°C	0dBA	0dBA	0dBA	0dBA	24.5dBA
	Width x Depth x Height	94 x 100 x 27 mm (3.7 x 3.9 x 1.1 in)	158 x 100 x 27 mm (6.2 x 3.9 x 1.1 in)	158 x 101 x 29 mm (6.2 x 4.0 x 1.1 in)	286 x 101 x 26 mm (11.3 x 4.0 x 1 in)	328 x 170 x 43 mm (12.9 x 6.7 x 1.7 in)
	Weight	0.25 kg (0.55 lb)	0.49 kg (1.08 lb)	0.50 kg (1.10 lb)	0.84 kg (1.85 lb)	1.67 kg (3.68 lb)
	Electromagnetic Compliance	Class (A or B)	B	B	A	A
Warranty Hardware*		Lifetime* Limited	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited
Warranty Power Supply		2 years	2 years	2 years	2 years	Internal (same as switch)
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0S11 PMB0S31 PMB0S51	PMB0S11 PMB0S31 PMB0S51	PMB0S11 PMB0S31 PMB0S51	PMB0S12 PMB0S32 PMB0S52	PMB0S12 PMB0S32 PMB0S52

Smart Managed Plus Switches

Smart Managed Plus, L2, Gigabit					
					
MODEL		JGS524E	JGS524PE	GS750E	GS908E
Port Configuration	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	24	24	48	8
	10G SFP+ Fiber Ports			2 Combo SFP+ (10G)	
PoE	PoE (15.4W) 802.3af Ports		12		
	Total PoE/PoE+ Budget		100W		
Scalability	# MAC Addresses	16K	16K	16K	4K
	Dynamic MAC	✓	✓	✓	
System Management	Single IP Management			✓	✓
	Web Managed/GUI	✓	✓	✓	
	DHCP (Client/Server)	DHCP Client	DHCP Client	DHCP Client	DHCP Client
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One	One-to-One
Quality of Service	Number of Priority Queues	4	4	8	4
	Traffic Prioritization	802.1p, Port-based (CoS)	802.1p, Port-based (CoS)	802.1p, Port-based (CoS)	802.1p, Port-based and DSCP
	Auto Voice VLAN			✓	Manual
Multicast Filtering	IGMP Snooping Version	v1, v2 and v3	v1, v2 and v3	v1, v2, and v3	v1, v2, and v3
Performance	Bandwidth	48 Gbps	48 Gbps	100 Gbps	16 Gbps
	Buffer Memory	768 KB	768 KB	1.5 MB	192 KB
	Jumbo Frames	9,216 bytes	9,216 bytes	9,216 bytes	9,216 bytes
Traffic Management	Number of 802.1q VLAN/ Number of VLAN Group	100	100	4096	64
	Port Trunking/Link Aggregation (Manual Static LAGs)	Static LAG	Static LAG	Static LAG	Static LAG
	Rate Limiting	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓
Energy Efficiency	IEEE 802.3az	✓	✓	✓	✓
	Auto Port Power Down	✓	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓	✓
	Max Power Consumption	13.8W	23W (no PoE) 123W (with PoE max)	30W	3.3W (no USB charging) 26.3W (with both USB)
Physical	Desktop/Rackmount/Click	Desktop, Rackmount	Desktop, Rackmount	Desktop, Rackmount	Desktop, Wallmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Plastic
	MTBF @ 25°C	243,476 hrs (28 yrs)	643,506 hrs (74 yrs)	1,055,076 hrs (121 yrs)	4,225,498 hrs (484 yrs)
	Fan(s)	None	1	None	None
	Acoustic Noise at 25°C	0dBA	24.5dBA	0dBA	0dBA
	Width x Depth x Height	328 x 170 x 43 mm (12.9 x 6.9 x 1.7 in)	328 x 169 x 43 mm (12.9 x 6.7 x 1.7 in)	440 x 204 x 43 mm (17.3 x 8.0 x 1.7 in)	234 x 164 x 33 mm (9.2 x 6.5 x 1.3 in)
	Weight	1.4 kg (3.09 lb)	1.84 kg (4.06 lb)	3.25 kg (7.17 lb)	0.36 kg (0.80 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A	B
Warranty Hardware*		Lifetime* Limited	Lifetime* Limited	Lifetime* Limited	3 years
Warranty Power Supply		Internal (same as switch)	Internal (same as switch)	Internal (same as switch)	3 years
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0S12 PMB0S32 PMB0S52	PMB0S12 PMB0S32 PMB0S52	PMB0311 PMB0331 PMB0351	PMB0S11 PMB0S31 PMB0S51

Smart Managed Plus Switches

		Smart Managed Plus, L2, Gigabit with 10G/ Multi-Gig Uplinks		Smart Managed Plus, L2, 10G/Multigig		Smart Managed Plus, L2, 10G Ethernet	
							
							
MODEL		GS110EMX	XS512EM	XS724EM	XS708Ev2	XS716E	
Port Configuration	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	8					
	1G/10GBASE-T RJ45 Copper Ports (Auto Uplink)				8	16	
	100M/1G/2.5G/5G/10G RJ45 Copper Ports (Auto Uplink)		12	24			
	10G SFP+ Fiber Ports		2 Combo SFP+ (10G)	2 Combo SFP+ (10G)	1 Combo SFP+ (10G)	1 Combo SFP+ (10G)	
Scalability	# MAC Addresses	16K	32K	32K	32K	32K	
	Dynamic MAC	✓	✓	✓			
System Management	Single IP Management	✓					
	Web Managed/GUI	✓	✓	✓	✓	✓	
	DHCP (Client/Server)	DHCP Client	DHCP Client	DHCP Client	DHCP Client	DHCP Client	
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	
Quality of Service	Number of Priority Queues	8	8	8	4	4	
	Traffic Prioritization	802.1p, Port-based (CoS)	802.1p, Port-based (CoS)	802.1p, Port-based (CoS)	802.1p, Port-based (CoS)	802.1p, Port-based (CoS)	
Multicast Filtering	IGMP Snooping Version	v1, v2 and v3	v1, v2 and v3	v1, v2 and v3	v1, v2	v1, v2	
Performance	Bandwidth	56 Gbps	240 Gbps	480 Gbps	160 Gbps	160 Gbps	
	Buffer Memory	2 MB	3 MB	3 MB	16 MB	16 MB	
	Jumbo Frames	10,240 bytes	9,216 bytes	9,216 bytes	9,216 bytes	9,216 bytes	
Traffic Management	Number of 802.1q VLAN/ Number of VLAN Group	64	64	64	64	64	
	Port Trunking/Link Aggregation (Manual Static LAGs)	Static, LACP	Static, LACP	Static, LACP	Static, LACP	Static, LACP	
	Rate Limiting	✓	✓	✓	✓	✓	
	Broadcast Storm Control	✓	✓	✓	✓	✓	
Energy Efficiency	IEEE 802.3az	✓	✓	✓			
	Auto Port Power Down	✓					
	Dynamic Power Consumption	✓					
	Max Power Consumption	15.6W	75.6W	150.5W	44W	62W	
Physical	Desktop/Rackmount/Click	Desktop, Rackmount	Desktop, Rackmount	Desktop, Rackmount	Desktop, Rackmount	Desktop, Rackmount	
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal	Metal	
	MTBF @ 25°C	1,572,337 hrs (180 yrs)	1,113,477 hrs (127 yrs)	830,493 hrs (95 yrs)	397,731 hrs (45 yrs)	348,257 hrs (40 yrs)	
	Fan(s)	None	2	3	2	2	
	Acoustic Noise at 25°C	0dBA	Idle : 29.13dBA@25dC/ Full load :40.85dBA@55dC	Idle : 35.91dBA@25dC Full load :56.87dBA@55dC	36.7dBA	33.9dBA	
	Width x Depth x Height	236 x 102 x 27 mm (9.3 x 4.0 x 1.1 in)	328 x 204 x 43 mm (12.9 x 8.0 x 1.7 in)	440 x 204 x 43 mm (17.3 x 8.0 x 1.7 in)	330 x 207 x 43 mm (13 x 8.2 x 1.7 in)	330 x 207 x 43 mm (13 x 8.2 x 1.7 in)	
	Weight	0.75 kg (1.65 lb)	2.51 kg (5.54 lb)	3.72 kg (8.20 lb)	2.80 kg (6.17 lb)	3.20 kg (7.05 lb)	
Electromagnetic Compliance	Class (A or B)	B	A	A	A	A	
Warranty Hardware*		Lifetime* Limited	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited	
Warranty Power Supply		2 years	Internal (same as switch)	Internal (same as switch)	Internal (same as switch)	Internal (same as switch)	
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0S12 PMB0S32 PMB0S52	PMB0S12 PMB0S32 PMB0S52	PMB0312 PMB0332 PMB0352	PMB0311 PMB0331 PMB0351	PMB0312 PMB0332 PMB0352	

Smart Managed Plus Switches

Smart Managed Plus, L2, Click Switch and Easy-Mount



MODEL		GSS108E	GSS108EPP	GSS116E	GS408EPP
Port Configuration	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	8	16	8	8
PoE	PoE (15.4W) 802.3af Ports		4		8
	Total PoE/PoE+ Budget		14W		124W
Scalability	# MAC Addresses	8K	8K	4K	4K
	Web Managed/GUI	✓	✓	✓	✓
System Management	Single IP Management				
	Web Managed/GUI	✓	✓	✓	✓
	DHCP (Client/Server)	DHCP Client	DHCP Client	DHCP Client	DHCP Client
	Port Mirroring	One-to-One	One-to-One	Many-to-one	One-to-One
Quality of Service	Number of Priority Queues	4	4	4	4
	Traffic Prioritization	802.1p, Port-based and DSCP	802.1p, Port-based and DSCP	802.1p, Port-based and DSCP	802.1p, Port-based and DSCP
	Auto Voice VLAN				
Multicast Filtering	IGMP Snooping Version	v1, v2 and v3	v1, v2 and v3	v1, v2 and v3	v1, v2 and v3
Performance	Bandwidth	16 Gbps	32 Gbps	16 Gbps	16 Gbps
	Buffer Memory	128 KB	512 KB	192 KB	192 KB
	Jumbo Frames	16,367 bytes	9,216 bytes	9,216 bytes	9,216 bytes
Traffic Management	Number of 802.1q VLAN/ Number of VLAN Group	64	128	64	64
	Port Trunking/Link Aggregation (Manual Static LAGs)		Static LAG	Static LAG	Static
	Rate Limiting	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓
Energy Efficiency	IEEE 802.3az	✓	✓	✓	✓
	Auto Port Power Down	✓	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓	✓
	Max Power Consumption	4.2W (No USB Charging) 20.2W (USB Charging)	8.4W	5.3W (no PoE) 57.4W (with PoE max)	5.8W (no PoE) 148W (with PoE max)
Physical	Desktop/Rackmount/Click	Anywhere (except Rackmount)	Anywhere (except Rackmount)	Anywhere (except Rackmount)	Anywhere + Rackmount
	Metal/Plastic Enclosure	Plastic	Metal	Metal	Metal
	MTBF @ 25°C	1,031,177 hrs (118 yrs)	721,479 hrs (82 yrs)	1,494,913 hrs (171 yrs)	2,715,369 hrs (311 yrs)
	Fan(s)	None	None	None	1
	Acoustic Noise at 25°C	0dBA	0dBA	0dBA	26.9dBA
	Width x Depth x Height	305 x 65 x 35 mm (12.0 x 2.6 x 1.4 in)	407 x 70 x 36 mm (16.0 x 2.8 x 1.4 in)	305 x 65 x 35 mm (12.0 x 2.6 x 1.4 in)	380 x 100 x 43 mm (15.0 x 3.9 x 1.7 in)
	Weight	0.44 kg (0.97 lb)	1.30 kg (2.87 lb)	0.93 kg (2.05 lb)	1.6 kg (3.53 lb)
Electromagnetic Compliance	Class (A or B)	B	B	B	A
Warranty Hardware*		Lifetime* Limited	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited
Warranty Power Supply		Internal (same as switch)	Internal (same as switch)	Internal (same as switch)	Internal (same as switch)
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year	PMB0S11	PMB0S12	PMB0S12	PMB0S12
	OnCall 24x7 3-year	PMB0S31	PMB0S32	PMB0S32	PMB0S32
	OnCall 24x7 5-year	PMB0S51	PMB0S52	PMB0S52	PMB0S52

WHY SMART BUSINESSES CHOOSE SMART MANAGED PRO SWITCHES

The Smart switch category was created by NETGEAR more than 12 years ago which has become the largest and fastest growing segment of the SMB switch market. NETGEAR is the undisputed market leader in switching, having built the widest most affordable business-grade portfolio in the market. Smart switches are the ideal solution for the most advanced small and medium organizations looking for the best combination of features, performance, and value.

NETGEAR Smart Managed Pro Switches offer powerful L2 and lite L3 switching features, great Power-over-Ethernet (PoE) functionality, intuitive management, full scalability and enhanced performance and usability. They are purposely designed for converged networks where voice, video, data are all carried on a single network platform. These switches are optimized for network efficiency, operational cost savings, and ease of management.

They also come with leading ProSAFE Lifetime Hardware Warranty, Lifetime Technical Support through online chat and Lifetime Next Business Day hardware replacement for utmost peace of mind.

Discover the 10 reasons why our customers love NETGEAR Smart Managed Pro Switches

1	Market’s widest product portfolio	NETGEAR covers you with a comprehensive and versatile portfolio of Smart Managed switches from 5 to 48 port models including 1-Gigabit and 10-Gigabit connectivity with enhanced stacking capabilities, a large range of PoE/PoE+ budgets and choice of copper or fiber for flexible deployment.
2	Affordable Business-grade Switches	Typically 1/2 the cost of Managed switches with around 75% of the same features and functions, all with no hidden costs.
3	Rich feature-set	Advanced VLAN and QoS, Advanced Security, L3 lite routing capabilities, ACL or SNMP are some of the many features that are available in Smart Managed switches.
4	Scales with your Business	The Stackable Smart Managed Switches provide true stacking capability with high performance, scalability and reliability without adding huge costs. Up to six Switches can be stacked together, providing up to 288 ports, and managed from a single IP address.
5	Full 10-Gigabit models	NETGEAR is leading by far the 10-Gigabit switching market and provides a full range of 10G Smart Switches with low-latency, line-rate 10G Copper “BASE-T” technology with backward compatibility to Fast Ethernet (depending on model) and Gigabit Ethernet.
6	Smart IT, not big IT	Easy-to-use web browser-based management GUI makes setup and management simple. Get the smart features with the easiest management.
7	Designed as a Core Switch for SMB Networks	Powerful L2+/Layer 3 Lite features make them the most cost-effective core switches for SMB and virtualization environment.
8	Power it all	Choose from the broadest choice of PoE/PoE+ power to enable seamless PoE connection of standard PoE devices (IP Phones, Wireless Access Points, IP Cameras even high-power Pan-Tilt-Zoom models, IoT devices, etc).
9	Smart redundancy	Smart switches mean smart redundancy with Link protection, Spanning Tree, LACP, switch protection, resilient stacking.
10	Future-proof	Full support of IPv6 protects IT investment by future-proofing the network for the next generation of applications and extensions.

Smart Managed Pro Switches

Smart Managed Pro, L2, 10/100 Fast Ethernet



MODEL		FS728TLP	FS728TPv2
Port Configuration	10/100 RJ45 Ports (Auto Uplink)	24	24
	10/100/1000 RJ45 Ports (Auto Uplink)	4	4
	Fiber Ports	2 SFP	2 SFP
PoE	Power Over Ethernet 802.3af Ports	12	24
	PoE Plus (30W) 802.3at Ports		
	Total PoE Budget	100W	192W
Scalability	# MAC Addresses	8,000	4,000
	# ACL Rules	128	128
System Management	Web Managed/GUI	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3
	RMON Group	1,2,3,9	1,2,3,9
	DHCP (Client/Server)	Client	Client
	Port Mirroring	Many-to-One	Many-to-One
Quality of Service	Number of Priority Queues	8	4
	Traffic Prioritization	802.1p and DSCP	802.1p, DSCP, Diffserv
	Auto Voice VLAN	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓
Performance	Bandwidth	12.8 Gbps	12.8 Gbps
	Buffer Memory	4 MB Per System	1 MB Per System
Availability	Jumbo Frames	✓	
	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	
	RPS Redundant Power Supply		
	Modular Power Supply		
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	128	128
	Link Agregation 802.3ad/LACP	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓
	Rate Limiting	✓	✓
	Broadcast Storm Control	✓	✓
L3 Routing	IPv4 Static Routing		
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP		
	IPv6 Static Routing, IPv6 OSPFv3		
	IPv4 / IPv6 Multicast Routing PIM-SM/DM		
Security	IEEE 802.1x (RADIUS)	Supports	Supports
	ACL - Access Control Lists	MAC, IP	MAC, IP
	SSL/SSH & HTTPS		✓
	Guest VLAN	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard		
	TACACS+		✓
Energy Efficiency	IEEE 802.3az	✓	✓
	Auto Port Power Down	✓	✓
	Dynamic Power Consumption		
	Max Power Consumption	124W	256W
Physical	Desktop/Rackmount/Click	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	755,725 hrs (86 yrs)	237,497 hrs (27 yrs)
	Fan(s)	1	1
	Acoustic Noise @ 25°C	30.7dBA	38.1dBA
	Width x Depth x Height	440 x 204 x 43 mm (17.3 x 8.0 x 1.7 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)
	Weight	2.92 kg (6.44 lb)	3.60 kg (7.92 lb)
Electromagnetic Compliance	Class (A or B)	A	A
Warranty Hardware		Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime
Modules		AGM731F/732F	AGM731F/732F
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0311 PMB0331 PMB0351	PMB0311 PMB0331 PMB0351

Smart Managed Pro Switches

Smart Managed Pro, L2, Gigabit



MODEL		GS108Tv2	GS110TPv2	GS716Tv3	GS516TP
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	8	8	16	16
	Fiber Ports		2 SFP	2 dedicated SFP	
PoE	Power Over Ethernet 802.3af Ports		8		8 POE and 2 PD
	PoE Plus (30W) 802.3at Ports				
	Total PoE Budget		46W		76W with AC power, up to 22W with PD power
Scalability	# MAC Addresses	8,000	8,000	16,000	8,000
	ARP Table - Size of			512	1,024
	# Routing Entries			32	
	# ACL Rules	64	64	100	400
System Management	Web Managed/GUI	✓	✓	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
	RMON Group	1,2,3,9	1,2,3,9	1,2,3,9	1,2,3,9
	DHCP (Client/Server)	Client	Client	Client	Client
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One	Many-to-One
	IPv6 full set			✓	✓
Quality of Service	Number of Priority Queues	4	4	8	4
	Traffic Prioritization	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv
	Auto Voice VLAN	✓	✓	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier			✓	✓
Performance	Bandwidth	16 Gbps	16 Gbps	32 Gbps	48 Gbps
	Buffer Memory	512 KB Per Unit	512 KB Per Unit	2 MB Per System	8 MB Per System
	Jumbo Frames	Yes	Yes	✓	✓
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	64	64	256	256
	Link Agregation 802.3ad/LACP	✓	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓	✓
	Rate Limiting	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓
L3 Routing	IPv4 Static Routing			✓	✓
Security	IEEE 802.1x (RADIUS)	✓	✓	✓	✓
	ACL - Access Control Lists	MAC, IP	MAC, IP	MAC, IP	MAC, IP
	SSL/SSH & HTTPS	HTTPS	HTTPS	SSL/HTTPS	HTTPS
	Guest VLAN	✓	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard			✓	✓
	TACACS+	✓	✓	✓	✓
Energy Efficiency	IEEE 802.3az			✓	✓
	Auto Port Power Down	✓	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓	✓
	Max Power Consumption	12.78W if powered by PoE via port 18.3W (AC) 6W(DC)	60W	14.4W	92.1W
Physical	Desktop/Rackmount/Click	Desktop	Desktop	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal
	MTBF @ 25°C	275,533 hrs (31 yrs)	157,004 hrs (18 yrs)	726,612 hrs (83 yrs)	479,350 hrs (55 yrs)
	Fan(s)	None	None	None	1
	Acoustic Noise @ 25°C	0dBA	0dBA	0dBA	24.6dBA
	Width x Depth x Height	158 x 105 x 27 mm (6.2 x 4.1 x 1.1 in)	2236 x 102 x 27 mm (9.3 x 4.0 x 1.1 in)	440 x 204 x 43 mm (1.7 x 17.3 x 8.0 in)	328 x 169 x 43 mm (12.9 x 6.7 x 1.7 in)
	Weight	0.56 kg (1.23 lb)	0.70 kg (1.54 lb)	2.72 kg (5.99 lb)	2.21 kg (4.87 lb)
Electromagnetic Compliance	Class (A or B)	A	B	A	A
Warranty Hardware		Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply		2 years	2 years	Lifetime	Lifetime
Modules			AGM731F/732F	AGM731F/732F	
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0S11 PMB0S31 PMB0S51	PMB0S12 PMB0S32 PMB0S52	PMB0S12 PMB0S32 PMB0S52	PMB0311 PMB0331 PMB0351

Smart Managed Pro Switches

Smart Managed Pro, L2+ with static routing, Gigabit



MODEL		GS510TLP	GS510TPP	GS418TPP
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	8	8	16
	Fiber Ports	2	2	2
PoE	Power Over Ethernet 802.3af Ports			
	PoE Plus (30W) 802.3at Ports	8	8	16
	Total PoE Budget	75W	190W	240W
Scalability	# MAC Addresses	16K	16K	16K
	ARP Table - Size of	479	479	479
	# Routing Entries	32	32	32
	# ACL Rules	100	100	100
System Management	Single IP Management	✓	✓	✓
	Web Managed/GUI	Yes	Yes	Yes
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
	RMON Group	Yes	Yes	Yes
	DHCP (Client/Server)	Client	Client	Client
	Port Mirroring	Yes	Yes	Yes
Quality of Service	IPv6 full set	Yes	Yes	Yes
	Number of Priority Queues	8	8	8
	Traffic Prioritization	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv
Multicast Filtering	Auto Voice VLAN	✓	✓	✓
	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3
Performance	IGMP Snooping Querier	✓	✓	✓
	Bandwidth	20 Gbps	20 Gbps	36 Gbps
Availability	Buffer Memory	1.5 MB per system	1.5 MB per system	1.5 MB per system
	Jumbo Frames			
Traffic Management	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
	Number of 802.1q VLAN/Number of VLAN Group			
	Link Agregation 802.3ad/LACP	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓
	Rate Limiting	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓
L3 Routing	IPv4 Static Routing	✓	✓	✓
Security	IEEE 802.1x (RADIUS)	✓	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/HTTPS	SSL/HTTPS	SSL/HTTPS
	Guest VLAN	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓	✓
	TACACS+	✓	✓	✓
	IEEE 802.3az	✓	✓	✓
Energy Efficiency	Auto Port Power Down	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓
	Max Power Consumption	101W	225W	282.3W
Physical	Desktop/Rackmount/Click	Desktop/Rackmount	Desktop/Rackmount	Desktop/Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal
	MTBF @ 25°C	913,368 hrs (104 yrs)	1,509,979 hrs (172 yrs)	1,364,013 hrs (156 yrs)
	Fan(s)	None	1	2
	Acoustic Noise @ 25°C	0dBA	32dBA	33dBA
	Width x Depth x Height	328 x 169 x 43 mm (12.9 x 6.7 x 1.7 in)	328 x 169 x 43 mm (12.9 x 6.7 x 1.7 in)	440 x 100 x 43 mm (17.3 x 3.9 x 1.7 in)
	Weight	1.74 kg (3.84 lb)	1.83 kg (4.03 lb)	2.14 kg (4.72 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A
Warranty Hardware		Lifetime	Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime	Lifetime
Modules		AFM735/AGM731F/ AGM732F/AGM734	AFM735/AGM731F/ AGM732F/AGM734	AFM735/AGM731F/ AGM732F/AGM734
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year	PMB0512	PMB0311	PMB0311
	OnCall 24x7 3-year	PMB0532	PMB0331	PMB0331
	OnCall 24x7 5-year	PMB0552	PMB0351	PMB0351

Smart Managed Pro Switches

Smart Managed Pro, L2+ with static routing, Gigabit



MODEL		GS724Tv4	GS748Tv5	GS724TPv2	GS728TP	GS728TPv2
Port Configuration	10/100 RJ45 Ports (Auto Uplink)					
	10/100/1000 RJ45 Ports (Auto Uplink)	24	48	24	24	24
	Fiber Ports	2 dedicated SFP	2 dedicated and 2 combo SFP	2 dedicated SFP	4 dedicated SFP	4 dedicated SFP
PoE	10Gig Module Bays					
	Power Over Ethernet 802.3af Ports				24	24
	PoE Plus (30W) 802.3at Ports			24	8	24
	Total PoE Budget			190W	192W	380W
	# MAC Addresses	16,000	16,000	8,000	8,000	16,000
Scalability	ARP Table - Size of	512	512		100	512
	# Routing Entries	32	32		32	32
	# ACL Rules	100	100	100	164	100
	Single IP Management					
System Management	Web Managed/GUI	✓	✓	✓	✓	✓
	Command Line Interface/RS232 Console/Telnet					
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
	RMON Group	1,2,3,9	1,2,3,9	1,2,3,9	1,2,3,9	1,2,3,9
	DHCP (Client/Server)	Client	Client	Client	Client	Client
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One
Quality of Service	IPv6 full set	✓	✓	✓	✓	✓
	Number of Priority Queues	8	8	8	4	8
	Traffic Prioritization	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP
Multicast Filtering	Auto Voice VLAN	✓	✓		✓	✓
	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
Performance	IGMP Snooping Querier	✓	✓	✓	✓	✓
	Bandwidth	48 Gbps	100 Gbps	48 Gbps	56 Gbps	56 Gbps
	Buffer Memory	2 MB Per System	2 MB Per System	512 KB	1 MB Per System	1.5 MB Per System
Availability	Jumbo Frames	✓	✓	✓	✓	✓
	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256	256	64	256	256
	Link Agregation 802.3ad/LACP	✓	✓	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓	✓	✓
	Rate Limiting	✓	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓	✓
	IPv4 Static Routing	✓	✓		✓	✓
	IEEE 802.1x (RADIUS)	✓	✓	✓	✓	✓
L3 Routing	ACL - Access Control Lists	MAC, IP	MAC, IP	MAC, IP, TCP	MAC, IP	MAC, IP, TCP
Security	SSL/SSH & HTTPS	SSL/HTTPS	SSL/HTTPS	TLS/HTTPS	HTTPS	HTTPS
	Guest VLAN	✓	✓	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓	DHCP Snooping Only	DHCP Snooping Only	✓
Energy Efficiency	TACACS+	✓	✓	✓	✓	✓
	IEEE 802.3az	✓	✓	✓		✓
	Auto Port Power Down	✓	✓	✓	✓	
Physical	Dynamic Power Consumption	✓	✓	✓	✓	✓
	Max Power Consumption	17.4W	41.1W	228.5W	264W	226W
	Desktop/Rackmount/Click	Rackmount	Rackmount	Rackmount	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal	Metal
	MTBF @ 25°C	567,680 hrs (65 yrs)	390,728 hrs (45 yrs)	1,051,375 hrs (120 yrs)	345,901 hrs (39 yrs)	1,250,365 hrs (143 yrs)
	Fan(s)	None	2	1	✓	✓
	Acoustic Noise @ 25°C	0dBA	37.2dBA	32.4dBA	31.8dBA	31dBA
Electromagnetic Compliance	Width x Depth x Height	440 x 204 x 43 mm (1.7 x 17.3 x 8.0 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 204 x 43 mm (17.3 x 8.0 x 1.7 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)
	Weight	2.87 kg (6.33 lb)	3.46 kg (7.63 lb)	3.15 kg (6.96 lb)	3.7 kg (8.1 lb)	3.78 kg (8.3lb)
	Class (A or B)	A	A	A	A	A
Warranty Hardware		Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
Modules		AGM731F/732F	AGM731F/732F	AGM731F/AGM732F/ AGM734	AFM735/ AGM731F/732F	AGM731F/732F
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year	PMB0311	PMB0311	PMB0311	PMB0311	PMB0311
	OnCall 24x7 3-year	PMB0331	PMB0331	PMB0331	PMB0331	PMB0331
	OnCall 24x7 5-year	PMB0351	PMB0351	PMB0351	PMB0351	PMB0351

Smart Managed Pro Switches

Smart Managed Pro, L2+ with static routing, Gigabit



MODEL		GS728TPP	GS728TPPv2	GS752TP	GS752TPv2	GS752TPP
Port Configuration	10/100 RJ45 Ports (Auto Uplink)					
	10/100/1000 RJ45 Ports (Auto Uplink)	24	24	48	24	24
	Fiber Ports	4 dedicated SFP	4 dedicated SFP	4 dedicated SFP	4 dedicated SFP	4 dedicated SFP
	10Gig Module Bays					
PoE	Power Over Ethernet 802.3af Ports	24	24	48	24	24
	PoE Plus (30W) 802.3at Ports	24	24	8	24	24
	Total PoE Budget	384W	380W	384W	380W	760W
Scalability	# MAC Addresses	8,000	16,000	8,000	16,000	16,000
	ARP Table - Size of	100	512	100	512	512
	# Routing Entries	32	32	32	32	32
	# ACL Rules	164	100	164	100	100
System Management	Single IP Management					
	Web Managed/GUI	✓	✓	✓	✓	✓
	Command Line Interface/RS232 Console/Telnet					
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
	RMON Group	1,2,3,9	1,2,3,9	1,2,3,9	1,2,3,9	1,2,3,9
	DHCP (Client/Server)	Client	Client	Client	Client	Client
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One
	IPv6 full set	✓	✓	✓	✓	✓
Quality of Service	Number of Priority Queues	4	8	4	8	8
	Traffic Prioritization	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP
	Auto Voice VLAN	✓	✓	✓	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓	✓	✓	✓
Performance	Bandwidth	56 Gbps	56 Gbps	104 Gbps	104 Gbps	104 Gbps
	Buffer Memory	1 MB Per System	1.5 MB Per System	1 MB Per System	1.5 MB Per System	1.5 MB Per System
	Jumbo Frames	✓	✓	✓	✓	✓
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256	256	256	256	256
	Link Agregation 802.3ad/LACP	✓	✓	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓	✓	✓
	Rate Limiting	✓	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓	✓
L3 Routing	IPv4 Static Routing	✓	✓	✓	✓	✓
Security	IEEE 802.1x (RADIUS)	✓	✓	✓	✓	✓
	ACL - Access Control Lists	MAC, IP	MAC, IP	MAC, IP	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	HTTPS	HTTPS	HTTPS	HTTPS	HTTPS
	Guest VLAN	✓	✓	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	DHCP Snooping Only	✓	DHCP Snooping Only	✓	✓
	TACACS+	✓	✓	✓	✓	✓
Energy Efficiency	IEEE 802.3az		✓		✓	✓
	Auto Port Power Down	✓		✓		✓
	Dynamic Power Consumption	✓		✓	✓	✓
Physical	Max Power Consumption		439W	512.8W	446W	861W
	Desktop/Rackmount/Click	Rackmount	Rackmount	Rackmount	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal	Metal
	MTBF @ 25°C	247,163 hrs (28 yrs)	1,071,896 hrs (122 yrs)	220,447 hrs (25 yrs)	1,737,411 hrs (198 yrs)	1,107,549 hrs (126 yrs)
	Fan(s)		2		2	
	Acoustic Noise @ 25°C	31.8dBA	35dBA	44.9dBA	38dBA	43dBA
	Width x Depth x Height	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 316 x 43 mm (17.3 x 15.2 x 1.7 in)	440 x 310 x 43 mm (17.3 x 12.2 x 1.7 in)	440 x 310 x 43 mm (17.3 x 12.2 x 1.7 in)
	Weight	4.40 kg (9.70 lb)	4.11 kg (9.10 lb)	5.10 kg (14.5 lb)	4.93 kg (10.90 lb)	5.03 kg (11.10 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A	A	A
Warranty Hardware		Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
Modules		AFM735/ AGM731F/732F	AGM731F/732F	AFM735/ AGM731F/732F	AGM731F/732F	AGM731F/732F
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year	PMB0311	PMB0311	PMB0312	PMB0312	PMB0312
	OnCall 24x7 3-year	PMB0331	PMB0331	PMB0332	PMB0332	PMB0332
	OnCall 24x7 5-year	PMB0351	PMB0351	PMB0352	PMB0352	PMB0352

Smart Managed Pro Switches

Smart Managed Pro, L2+ with static routing, Gigabit



MODEL		GS752TSB	GS752TPSB	S3300-28X (GS728TX)	S3300-52X (GS752TX)
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	48	48	24 / 2 10GBase-T	48 / 2 10GBase-T
	Fiber Ports	4 SFP	4 SFP	2 SFP+ (10G)	2 SFP+ (10G)
PoE	Power Over Ethernet 802.3af Ports		48		
	PoE Plus (30W) 802.3at Ports		8		
	Total PoE Budget		384W		
Stacking	Number of Dedicated Stacking Ports	2 SFP (2.5G)	2 SFP (2.5G)	Up to 2 10G ports	Up to 2 10G ports
	Stacking Bandwidth	10 Gbps	10 Gbps	40 Gbps	40 Gbps
	Stacking (maximum capacity)	6 units or 300 ports	6 units or 300 ports	6 units or 300 ports	6 units or 300 ports
	Stacking Compatibility	GS7XXTSB/GSXXTPSB	GS7XXTSB/GSXXTPSB	S3300 series, M4300-12X12F, M4300-24X	S3300 series, M4300-12X12F, M4300-24X
Scalability	# MAC Addresses	16,000	16,000	16,000	16,000
	ARP Table - Size of	1,024	1,024	512	512
	# Routing Entries	32	32	32	32
	# ACL Rules	256	256	480	480
System Management	Single IP Management	✓	✓	✓	✓
	Web Managed/GUI	✓	✓	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
	RMON Group	1,2,3,9	1,2,3,9	1,2,3,9	1,2,3,9
	DHCP (Client/Server/Relay)	Client	Client	Client/L2 Relay	Client/L2 Relay
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One	Many-to-One
	IPv6 full set	✓	✓	✓	✓
Quality of Service	Number of Priority Queues	8	8	8	8
	Traffic Prioritization	802.1p	802.1p, DSCP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP
	Auto Voice VLAN	✓	✓	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓	✓	✓
Performance	Bandwidth	104 Gbps	104 Gbps	128 Gbps	176 Gbps
	Buffer Memory	16 MB Per System	2 MB Per System	2 MB Per System	2 MB Per System
	Jumbo Frames	✓	✓	✓	✓
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256	256	256	256
	Link Agregation 802.3ad/LACP	✓	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓	✓
	Rate Limiting	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓
L3 Routing	IPv4 Static Routing	✓	✓	✓	✓
Security	IEEE 802.1x (RADIUS)	✓	✓	✓	✓
	ACL - Access Control Lists	MAC, IP	MAC, IP	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	HTTPS	HTTPS	HTTPS	HTTPS
	Guest VLAN	✓	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓	✓	✓
	TACACS+	✓	✓	✓	✓
Energy Efficiency	IEEE 802.3az			✓	✓
	Auto Port Power Down	✓	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓	✓
	Max Power Consumption	77W	527W	28.18W	748.18W
Physical	Desktop/Rackmount/Click	Rackmount	Rackmount	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal
	MTBF @ 25°C	303,219 hrs (35 yrs)	206,539 hrs (24 yrs)	278,559 hrs (32 yrs)	147,965 hrs (17 yrs)
	Fan(s)	2	2	2	2
	Acoustic Noise @ 25°C	34.8dBA	42.7dBA	40dBA	39dBA
	Width x Depth x Height	440 x 257 x 43 mm (17.3 x 11.8 x 1.7 in)	440 x 310 x 43 mm (17.3 x 17.0 x 1.7 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)
	Weight	4.31 kg (11.38 lb)	5.48 kg (16.02 lb)	3.55 kg (7.80 lb)	3.67 kg (8.10 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A	A
Warranty Hardware		Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime	Lifetime	Lifetime
Modules		AGM731F/732F/AGC761	AGM731F/732F	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXC761/AXC763/AXC761/3/5/7/10/15/20	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765/AXC761/3/5/7/10/15/20
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year	PMB0312	PMB0312	PMB0312	PMB0312
	OnCall 24x7 3-year	PMB0332	PMB0332	PMB0332	PMB0332
	OnCall 24x7 5-year	PMB0352	PMB0352	PMB0352	PMB0352

Smart Managed Pro Switches

Smart Managed Pro, L2+ with static routing, Gigabit



MODEL		S3300-28X-POE+ (GS728TXP)	S3300-52X-POE+ (GS752TXP)	GS752TXS
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	24 / 2 10GBase-T	24 / 2 10GBase-T	48
	Fiber Ports	2 SFP+ (10G)	2 SFP+ (10G)	4 SFP+ (10G)
PoE	Power Over Ethernet 802.3af Ports	24	48	
	PoE Plus (30W) 802.3at Ports	24	48	
	Total PoE Budget	195W/up to 740W with RPS	390W/ up to 1,440W with RPS	
Stacking	Number of Dedicated Stacking Ports	Up to 2 10G ports	Up to 2 10G ports	Up to 2 10G ports
	Stacking Bandwidth	40 Gbps	40 Gbps	40 Gbps
	Stacking (maximum capacity)	6 units or 300 ports	6 units or 300 ports	6 units or 300 ports
	Stacking Compatibility	S3300 series, M4300-12X12F, M4300-24X	S3300 series, M4300-12X12F, M4300-24X	GS7xxTXS
Scalability	# MAC Addresses	16,000	16,000	16,000
	ARP Table - Size of	512	512	1,024
	# Routing Entries	32	32	32
	# ACL Rules	480	480	100
System Management	Single IP Management	✓	✓	✓
	Web Managed/GUI	✓	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
	RMON Group	1,2,3,9	1,2,3,9	1,2,3,9
	DHCP (Client/Server/Relay)	Client/L2 Relay	Client/L2 Relay	Client/L2 Relay
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One
	IPv6 full set	✓	✓	✓
Quality of Service	Number of Priority Queues	8	8	8
	Traffic Prioritization	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP
	Auto Voice VLAN	✓	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓	✓
Performance	Bandwidth	128 Gbps	176 Gbps	176 Gbps
	Buffer Memory	2 MB Per System	2 MB Per System	2 MB Per System
	Jumbo Frames	✓	✓	✓
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256	256	256
	Link Agregation 802.3ad/LACP	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓
	Rate Limiting	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓
	IPv4 Static Routing	✓	✓	✓
L3 Routing				
Security	IEEE 802.1x (RADIUS)	✓	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	HTTPS	HTTPS	HTTPS
	Guest VLAN	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓	✓
	TACACS+	✓	✓	✓
Energy Efficiency	IEEE 802.3az	✓	✓	✓
	Auto Port Power Down	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓
	Max Power Consumption	44.12W	1484.12W	77W
Physical	Desktop/Rackmount/Click	Rackmount	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal
	MTBF @ 25°C	147,965 hrs (17 yrs)	216,809 hrs (25 yrs)	256,119 hrs (29 yrs)
	Fan(s)	3	3	2
	Acoustic Noise @ 25°C	36.8dBA	40dBA	34.8dBA
	Width x Depth x Height	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)
	Weight	3.77 kg (8.30 lb)	3.55 kg (7.80 lb)	4.50 kg (10.00 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A
Warranty Hardware		Lifetime	Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime	Lifetime
Modules		AGM731F/AGM732F; AXM761/ AXM762/AXM763/AXM764 /AXM765/ AXC761/3/5/7/10/15/20; RPS4000 (RPS only)	AGM731F/AGM732F; AXM761/ AXM762/AXM763/AXM764 /AXM765/ AXC761/3/5/7/10/15/20; RPS4000 (RPS only)	AGM731F/AGM732F; AXM761/ AXM762/AXM763/AXM764 /AXM765/ AXC761/3/5/7/10/15/20
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0312 PMB0332 PMB0352	PMB0313 PMB0333 PMB0353	PMB0313 PMB0333 PMB0353

Smart Managed Pro Switches

Smart Managed Pro, L2+ with static routing, Multi-Gigabit

Smart Managed Pro, L2+ with static routing, 10-Gigabit



MODEL		MS510TX	MS510TXPP	XS708T	XS712Tv2
Port Configuration	10/100 RJ45 Ports (Auto Uplink)	N/A	N/A		
	10/100/1000 RJ45 Ports (Auto Uplink)	4x1G/2x2.5G/ 2x5G/1x10GBase-T	4x1G/2x2.5G/ 2x5G/1x10GBase-T	8 10GBase-T	12 10GBase-T
	Fiber Ports	1 SFP+ (10G)	1 SFP+ (10G)	2 Combo SFP+ (10G)	2 Combo SFP+ (10G)
	10Gig Module Bays				
PoE	Power Over Ethernet 802.3af Ports				
	PoE Plus (30W) 802.3at Ports		8 (PoE+)		
	Total PoE Budget		180W		
Stacking	Number of Dedicated Stacking Ports				
	Stacking Bandwidth				
	Stacking (maximum capacity)				
	Stacking Compatibility				
Scalability	# MAC Addresses	16,000	16,000	16,000	16,000
	ARP Table - Size of	512	512	738	738
	# Routing Entries	32	32	32	32
	# ACL Rules	164	164	100	100
System Management	Single IP Management			✓	
	Web Managed/GUI	✓	✓	✓	✓
	Command Line Interface/RS232 Console/Telnet	N/A	N/A		N/A
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
	RMON Group	1,2,3,9	1,2,3,9	1,2,3,9	1,2,3,9
	DHCP (Client/Server/Relay)	Client/L2 Relay	Client/L2 Relay	Client/L2 Relay	Client/L2 Relay
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One	Many-to-One
	IPv6 full set	✓	✓	✓	✓
Quality of Service	Number of Priority Queues	8	8	8	8
	Traffic Prioritization	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP
	Auto Voice VLAN	✓	✓	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓	✓	✓
Performance	Bandwidth	78 Gbps	78 Gbps	160Gbps	320 Gbps
	Buffer Memory	1.5 MB Per System	1.5 MB Per System	2 MB Per System	2 MB Per System
	Jumbo Frames	10K	10K	9K	9K
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
	RPS Redundant Power Supply	N/A	N/A		
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256	256	256	256
	Link Agregation 802.3ad/LACP	✓	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓	✓
	Rate Limiting	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓
	IPv4 Static Routing	✓	✓	✓	✓
L3 Routing					
Security	IEEE 802.1x (RADIUS)	✓	✓	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	HTTPS	HTTPS	HTTPS	HTTPS
	Guest VLAN	✓	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓	✓	✓
	TACACS+	✓	✓	✓	✓
Energy Efficiency	EEE 802.3az	✓	✓		
	Auto Port Power Down	✓	✓		
	Dynamic Power Consumption	✓	✓	✓	✓
	Max Power Consumption	26.1W	234.31W	49.5W	75.3W
Physical	Desktop/Rackmount/Click	Desktop/Rackmount	Desktop/Rackmount	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal
	MTBF @ 25°C	1,078,683 hrs (123 yrs)	376,434 hrs (43 yrs)	276,197 hrs (32 yrs)	938,178 hrs (107 yrs)
	Fan(s)	1	1	2	2
	Acoustic Noise @ 25°C	21dBA	28.8dBA	27.4dBA	29.1dBA
	Width x Depth x Height	328 x 169 x 43 mm (12.9 x 6.7 x 1.7 in)	328 x 169 x 43 mm (12.9 x 6.7 x 1.7 in)	440 x 204 x 43 mm (17.3 x 8.0 x 1.7 in)	440 x 204 x 43 mm (17.3 x 8.0 x 1.7 in)
	Weight	1.42 kg (3.13 lb)	1.9 kg (4.19 lb)	2.61 kg (5.76 lb)	2.87 kg (6.33 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A	A
Warranty Hardware*		Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime	Lifetime	Lifetime
Modules		AGM731F/AGM732F; AXM761/AXM762/AXM763/ AXM764 /AXM765/ AXC761/3/5/7/10/15/20	AGM731F/AGM732F; AXM761/AXM762/AXM763/ AXM764 /AXM765/ AXC761/3/5/7/10/15/20	AGM731F/AGM732F; AXM761/AXM762/AXM763/ AXM764 /AXM765/ AXC761/3/5/7/10/15/20	AAGM731F/AGM732F; AXM761/AXM762/AXM763/ AXM764 /AXM765/ AXC761/3/5/7/10/15/20
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0312 PMB0332 PMB0352	PMB0312 PMB0332 PMB0352	PMB0311 PMB0331 PMB0351	PMB0312 PMB0332 PMB0352

Smart Managed Pro Switches

Smart Managed Pro, L2+ with static routing, 10-Gigabit

				
MODEL		XS716T	XS728T	XS748T
Port Configuration	10/100 RJ45 Ports (Auto Uplink)			
	10/100/1000 RJ45 Ports (Auto Uplink)	16 10GBase-T	24 10GBase-T	44 10GBase-T
	Fiber Ports	2 Combo SFP+ (10G)	4 SFP+ (10G)	4 SFP+ (10G)
PoE	Power Over Ethernet 802.3af Ports			
	PoE Plus (30W) 802.3at Ports			
	Total PoE Budget			
Scalability	# MAC Addresses	16,000	32,000	32,000
	ARP Table - Size of	738	1,024	1,024
	# Routing Entries	32	64	64
	# ACL Rules	100	100	100
System Management	Single IP Management	✓	✓	✓
	Web Managed/GUI	✓	✓	✓
	Command Line Interface/RS232 Console/Telnet			
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
	RMON Group	1,2,3,9	1,2,3,9	1,2,3,9
	DHCP (Client/Server/Relay)	Client/L2 Relay	Client/L2 Relay	Client/L2 Relay
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One
	IPv6 full set	✓	✓	✓
Quality of Service	Number of Priority Queues	8	8	8
	Traffic Prioritization	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP
	Auto Voice VLAN	✓	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓	✓
Performance	Bandwidth	320 Gbps	560 Gbps	960 Gbps
	Buffer Memory	2 MB Per System	3 MB Per System	3 MB Per System
	Jumbo Frames	9K	10K	10K
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
	RPS Redundant Power Supply			
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256	512	512
	Link Agregation 802.3ad/LACP	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓
	Rate Limiting	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓
L3 Routing	IPv4 Static Routing	✓	✓	✓
Security	IEEE 802.1x (RADIUS)	✓	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	HTTPS	HTTPS	HTTPS
	Guest VLAN	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓	✓
	TACACS+	✓	✓	✓
Energy Efficiency	Auto Port Power Down	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓
	Max Power Consumption	96.0W	134.9W	262.8W
Physical	Desktop/Rackmount/Click	Rackmount	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal
	MTBF @ 25°C	276,832 hrs (32 yrs)	514,977 hrs (59 yrs)	483,808 hrs (55 yrs)
	Fan(s)	2	4	4
	Acoustic Noise @ 25°C	29.1dBA	41.6dBA	47.8dBA
	Width x Depth x Height	440 x 204 x 43 mm (17.3 x 8.0 x 1.7 in)	440 x 310 x 43 mm (17.3 x 12.2 x 1.7 in)	440 x 347 x 43 mm (17.3 x 13.7 x 1.7 in)
	Weight	2.98 kg (6.57 lb)	5.04 kg (11.11 lb)	6.25 kg (13.78 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A
Warranty Hardware	Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply	Lifetime	Lifetime	Lifetime	Lifetime
Modules		AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764 /AXM765/AXC761/3/5/7/10/15/20	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764 /AXM765/AXC761/3/5/7/10/15/20	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764 /AXM765/AXC761/3/5/7/10/15/20
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year	PMB0312	PMB0312	PMB0313
	OnCall 24x7 3-year	PMB0332	PMB0332	PMB0333
	OnCall 24x7 5-year	PMB0352	PMB0352	PMB0353

WHY SMART BUSINESSES CHOOSE SMART CLOUD SWITCHES



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1	Remote app monitoring and management	Setup, monitor and manage your Smart Cloud switches from anywhere with NETGEAR Insight iOS and Android app, as well as from the Insight Cloud Portal together with your Insight Managed Wireless Access Points, and ReadyNAS storage devices.
2	Affordable Cloud managed Switches	Fully-integrated cloud-manageable devices; no additional hardware, server, appliance, or cloud key needed.
3	Saves you time	Save yourself time doing the administration of your networking devices. In two simple screens, Networks and Devices, you can monitor and configure your Insight network appliances anywhere anytime. It includes updating firmware, rebooting, adding and removing devices.
4	Switches you want to show	With their new, modern and sleek design, these white Smart Cloud switches are devices you will want to display.
5	Rich feature-set	Advanced VLAN and QoS, Advanced Security, L3 static routing capabilities, ACL or SNMP are some of the many features that are available in Smart Cloud switches.
6	Deploy anywhere	Desktop/wallmount and rackmount form factors and silent or whisper-quiet operation makes them the perfect switches to deploy in any environment, even noise-sensitive.
7	Designed as a Core Switch	Powerful L2+/Layer 3 Lite features make them the most cost-effective core switches for SMB and virtualization environment
8	Power it all	Choose from a choice of PoE/PoE+ power to enable seamless PoE connection of standard PoE devices (IP Phones, Wireless Access Points, IP Cameras even high-power Pan-Tilt-Zoom models, IoT devices, etc).
9	Smart redundancy	Smart switches mean smart redundancy with Link protection, Spanning Tree, LACP (Port Trunking), and Spanning Tree (STP/RSTP/MSTP)
10	Industry-leading 5-year limited hardware warranty	Quality, durability, and peace of mind from NETGEAR

Smart Cloud Switches



						
MODEL		GC110	GC110P			
Unified Network Management	Discovery, setup, monitoring and management	NETGEAR Insight mobile app on phone or tablet, or Insight Cloud Portal from PC, Mac, or tablet web browser				
(Discovery, Setup, Monitoring & Management)	Remote/Cloud management	Anywhere, anytime, from the palm of your hand using Insight mobile app or from any PC, Mac, or tablet web browser using the Insight Cloud Portal				
	Centralized network configuration (policies)	Centralized network configuration (policies) across Insight Managed Switches, Wireless Access Points, and Business-class ReadyNAS Storage for VLANs, ACLs, QoS, and LAGs				
	Device auto-join and configure (zero-touch provisioning)	Additional Insight Managed devices added to the network automatically inherit the network configuration				
	Multi-site, multi-network single pane-of-glass view	Manage multiple sites, locations, and networks in a single view using the Insight app or Cloud Portal				
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	8	8			
	1G SFP Fiber Ports	2 dedicated	2 dedicated			
PoE (Power over Ethernet)	Power Over Ethernet 802.3af Ports				8	
	PoE+ (30W) 802.3at Ports					
	Total PoE Budget	62W				
	Advanced per-port PoE controls (enable/disable/power limit)	Yes				
LEDs	Advanced per-port PoE scheduling				Yes	
	Front (per device) - Desktop models				Cloud/Internet Connection, Power	Cloud/Internet Connection, Power
	Rear (port side) (per device) - Desktop models	Cloud/Internet Connection, Power	Cloud/Internet Connection, Power			
	Front (port side) (per device) - Rackmount models	Cloud/Internet Connection, Power, PoE Max				
	Rear (port side) (per port) - Desktop models	Speed/Link/Activity	Speed/Link/Activity (left), PoE Power (right)			
	Front (port side) (per port) - Rackmount models					
	# MAC Addresses	16,000	16,000			
	ARP Table - Size of					
Scalability	# Routing Entries				100	
	# ACL Rules (Shared for MAC, IP and IPv6 ACLs)				100	
	Cloud/Remote Management	Yes	Yes			
	Mobile app and Cloud Portal management	Yes	Yes			
System Management	uPnP Discovery & Bonjour Discovery	Yes	Yes			
	Centralized network configuration (policies)	Yes	Yes			
	Device auto-join and configure (zero-touch provisioning)	Yes	Yes			
	Multi-site, multi-network single pane-of-glass view	Yes	Yes			
	Multi-switch, multi-port concurrent configuration	Yes	Yes			
	Network/global password (for all Insight Managed devices on a network)	Yes	Yes			
	Local-only Web Browser-Based Managed/GUI	Yes	Yes			
	DHCP (Client/Server/Relay)	Client	Client			
	Port Mirroring	Many-to-One	Many-to-One			
	IPv6 Management	Yes	Yes			
	Firmware upgrade direct from Cloud (via mobile device)	Yes	Yes			
	Quality of Service	Number of Priority Queues	8	8		
		Traffic Prioritization	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv		
		Auto Voice VLAN	Yes	Yes		
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3			
	IGMP Snooping Querier	Yes	Yes			
Performance	Bandwidth	20 Gbps	20 Gbps			
	Buffer Memory	1.5 MB Per System	1.5 MB Per System			
	Jumbo Frames	Yes	Yes			
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s			
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256	256			
	Link Agregation 802.3ad/LACP	Yes	Yes			
	Discovery Protocol LLDP 802.1ab	Yes	Yes			
	Rate Limiting	Yes	Yes			
	Broadcast Storm Control	Yes	Yes			
L3 Routing	IPv4/IPv6 Static Routing					
Security	IEEE 802.1x (RADIUS)	Yes	Yes			
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP			
	SSL/SSH & HTTPS	SSL/HTTPS	SSL/HTTPS			
	Guest VLAN	Yes	Yes			
	DHCP Snooping/IP Source Guard	Yes	Yes			
	TACACS+	Yes	Yes			
	IEEE 802.3az	Yes	Yes			
Energy Efficiency	Auto Port Power Down	Yes	Yes			
	Dynamic Power Consumption	Yes	Yes			
	Max Power Consumption	10.1W	74.4W (full PoE)			
Physical	Desktop/Wallmount (VESA)/Rackmount	Desktop/Wallmount	Desktop/Wallmount			
	Metal/Plastic Enclosure	Metal	Metal			
	MTBF @ 25°C	4,013,311 hrs (458 yrs)	2,976,994 hrs (340 yrs)			
	Acoustic Noise @ 25°C	0dBA	0dBA			
	Fan(s)					
	Width x Depth x Height	245 x 123 x 33 mm (9.6 x 4.8 x 1.3 in)	245 x 123 x 33 mm (9.6 x 4.8 x 1.3 in)			
	Weight	0.73 kg (1.61 lb)	0.77 kg (1.70 lb)			
Electromagnetic Compliance	Class (A or B)	A	A			
Warranty Switch*		5 years	5 years			
Warranty External Power Adapter		2 years	2 years			
Modules		AGM731F, AGM732F, AGM734	AGM731F, AGM732F, AGM734			
ProSUPPORT Maintenance Pkgs***	OnCall 24x7 1-year	PMB0S12	PMB0S12			
	OnCall 24x7 3-year	PMB0S32	PMB0S32			
	OnCall 24x7 5-year	PMB0S52	PMB0S52			

Smart Cloud Switches

<div></div> <div></div>				Insight Managed Smart Cloud, L2, Gigabit			
MODEL		GC510P	GC510PP				
Unified Network Management (Discovery, Setup, Monitoring & Management)	Discovery, setup, monitoring and management	NETGEAR Insight mobile app on phone or tablet, or Insight Cloud Portal from PC, Mac, or tablet web browser					
	Remote/Cloud management	Anywhere, anytime, from the palm of your hand using Insight mobile app or from any PC, Mac, or tablet web browser using the Insight Cloud Portal					
	Centralized network configuration (policies)	Centralized network configuration (policies) across Insight Managed Switches, Wireless Access Points, and Business-class ReadyNAS Storage for VLANs, ACLs, QoS, and LAGs					
	Device auto-join and configure (zero-touch provisioning)	Additional Insight Managed devices added to the network automatically inherit the network configuration					
	Multi-site, multi-network single pane-of-glass view	Manage multiple sites, locations, and networks in a single view using the Insight app or Cloud Portal					
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	8	8				
	1G SFP Fiber Ports	2 dedicated	2 dedicated				
PoE (Power over Ethernet)	Power Over Ethernet 802.3af Ports						
	PoE+ (30W) 802.3at Ports	8	8				
	Total PoE Budget	134W	195W				
	Advanced per-port PoE controls (enable/disable/power limit)	Yes	Yes				
	Advanced per-port PoE scheduling	Yes	Yes				
LEDs	Front (per device) - Desktop models	Cloud/Internet Connection, Power		Cloud/Internet Connection, Power			
	Rear (port side) (per device) - Desktop models	Cloud/Internet Connection, Power, PoE Max		Cloud/Internet Connection, Power, PoE Max, Fan Status			
	Front (port side) (per device) - Rackmount models						
	Rear (port side) (per port) - Desktop models	Speed/Link/Activity (left), PoE Power (right)		Speed/Link/Activity (left), PoE Power (right)			
	Front (port side) (per port) - Rackmount models						
Scalability	# MAC Addresses	16000	16000				
	ARP Table - Size of						
	# Routing Entries						
	# ACL Rules (Shared for MAC, IP and IPv6 ACLs)	100	100				
System Management	Cloud/Remote Management	Yes	Yes				
	Mobile app and Cloud Portal management	Yes	Yes				
	uPnP Discovery & Bonjour Discovery	Yes	Yes				
	Centralized network configuration (policies)	Yes	Yes				
	Device auto-join and configure (zero-touch provisioning)	Yes	Yes				
	Multi-site, multi-network single pane-of-glass view	Yes	Yes				
	Multi-switch, multi-port concurrent configuration	Yes	Yes				
	Network/global password (for all Insight Managed devices on a network)	Yes	Yes				
	Local-only Web Browser-Based Managed/GUI	Yes	Yes				
	SNMP Version						
	RMON Group						
	DHCP (Client/Server/Relay)	Client	Client				
	Port Mirroring	Many-to-One	Many-to-One				
	IPv6 Management	Yes	Yes				
	Firmware upgrade direct from Cloud (via mobile device)	Yes	Yes				
	Quality of Service	Number of Priority Queues	8	8			
		Traffic Prioritization	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv			
		Auto Voice VLAN	Yes	Yes			
	Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3			
IGMP Snooping Querier		Yes	Yes				
Performance	Bandwidth	20 Gbps	20 Gbps				
	Buffer Memory	1.5 MB Per System	1.5 MB Per System				
	Jumbo Frames	Yes	Yes				
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s				
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256	256				
	Link Agregation 802.3ad/LACP	Yes	Yes				
	Discovery Protocol LLDP 802.1ab	Yes	Yes				
	Rate Limiting	Yes	Yes				
	Broadcast Storm Control	Yes	Yes				
L3 Routing	IPv4/IPv6 Static Routing						
Security	IEEE 802.1x (RADIUS)	Yes	Yes				
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP				
	SSL/SSH & HTTPS	SSL/HTTPS	SSL/HTTPS				
	Guest VLAN	Yes	Yes				
	DHCP Snooping/IP Source Guard	Yes	Yes				
Energy Efficiency	TACACS+	Yes	Yes				
	IEEE 802.3az	Yes	Yes				
	Auto Port Power Down	Yes	Yes				
	Dynamic Power Consumption	Yes	Yes				
	Max Power Consumption	146.9W (full PoE)	200.0W (full PoE)				
Physical	Desktop/Wallmount (VESA)/Rackmount	Desktop/Wallmount /Rackmount		Desktop/Wallmount /Rackmount			
	Metal/Plastic Enclosure	Metal		Metal			
	MTBF @ 25°C	692,457 hrs (79 yrs)		381,503 hrs (44 yrs)			
	Acoustic Noise @ 25°C	0dBA		28dBA			
	Fan(s)			1 (whisper-quiet)			
	Width x Depth x Height	314 x 188 x 44 mm (12.4 x 7.4 x 1.7 in)		314 x 188 x 44 mm (12.4 x 7.4 x 1.7 in)			
	Weight	2.01 kg (4.43 lb)		2.23 kg (4.92 lb)			
Electromagnetic Compliance	Class (A or B)	A	A				
Warranty Switch*		5 years	5 years				
Modules		AGM731F, AGM732F, AGM734		AGM731F, AGM732F, AGM734			
ProSUPPORT Maintenance Pkgs***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0S12 PMB0S32 PMB0S52	PMB0S12 PMB0S32 PMB0S52				



Smart Cloud Switches

Insight Managed Smart Cloud, L2+/L3 Lite, Gigabit/10G SFP+

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NETGEAR Insight mobile app on phone or tablet, or Insight Cloud Portal from PC, Mac, or tablet web browser	
Anywhere, anytime, from the palm of your hand using Insight mobile app or from any PC, Mac, or tablet web browser using the Insight Cloud Portal	
Centralized network configuration (policies) across Insight Managed Switches, Wireless Access Points, and Business-class ReadyNAS Storage for VLANs, ACLs, QoS, and LAGs	
Additional Insight Managed devices added to the network automatically inherit the network configuration	
Manage multiple sites, locations, and networks in a single view using the Insight app or Cloud Portal	
24	24
2 dedicated	2 dedicated
2 dedicated	2 dedicated
	24
	390W
	Yes
	Yes
Cloud/Internet Connection, Power, PoE Max, Fan Status	Cloud/Internet Connection, Power, PoE Max, Fan Status
Speed/Link/Activity	Speed/Link/Activity (left), PoE Power (right)
16000	16000
384	384
32 IPv4 / 31 IPv6	32 IPv4 / 31 IPv6
100	100
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
v1, v2c, v3	v1, v2c, v3
1,2,3,9	1,2,3,9
Client	Client
Many-to-One	Many-to-One
Yes	Yes
Yes	Yes
8	8
802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv
Yes	Yes
v1, v2, v3	v1, v2, v3
Yes	Yes
92 Gbps	92 Gbps
1.5 MB Per System	1.5 MB Per System
Yes	Yes
802.1d, .1w, .1s	802.1d, .1w, .1s
256	256
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
MAC, IP, TCP	MAC, IP, TCP
SSL/HTTPS	SSL/HTTPS
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
18.5W	437.1W (full PoE)
Desktop/Rackmount	Desktop/Rackmount
Metal	Metal
1,874,356 hrs (214 yrs)	629,962 hrs (72 yrs)
1 (whisper-quiet)	2 (dynamic)
28dBA	39dBA
440 x 224 x 44 mm (17.3 x 8.8 x 1.7 in)	440 x 224 x 44 mm (17.3 x 8.8 x 1.7 in)
2.81 kg (6.19 lb)	3.79 kg (8.36 lb)
A	A
5 years	5 years
AGM731F, AGM732F, AGM734, AXM761, AXM762, AXM763, AXM764, AXM765, AXC761, AXC763	AGM731F, AGM732F, AGM734, AXM761, AXM762, AXM763, AXM764, AXM765, AXC761, AXC763
PMB0311 PMB0331 PMB0351	PMB0311 PMB0331 PMB0351

Smart Cloud Switches

Insight Managed Smart Cloud, L2+/L3 Lite, Gigabit/10G SFP+

				
MODEL		GC752X	GC752XP	
Unified Network Management (Discovery, Setup, Monitoring & Management)	Discovery, setup, monitoring and management	NETGEAR Insight mobile app on phone or tablet, or Insight Cloud Portal from PC, Mac, or tablet web browser		
	Remote/Cloud management	Anywhere, anytime, from the palm of your hand using Insight mobile app or from any PC, Mac, or tablet web browser using the Insight Cloud Portal		
	Centralized network configuration (policies)	Centralized network configuration (policies) across Insight Managed Switches, Wireless Access Points, and Business-class ReadyNAS Storage for VLANs, ACLs, QoS, and LAGs		
	Device auto-join and configure (zero-touch provisioning)	Additional Insight Managed devices added to the network automatically inherit the network configuration		
Port Configuration	Multi-site, multi-network single pane-of-glass view	Manage multiple sites, locations, and networks in a single view using the Insight app or Cloud Portal		
	10/100/1000 RJ45 Ports (Auto Uplink)	48	48	
	1G SFP Fiber Ports	2 dedicated	2 dedicated	
PoE (Power over Ethernet)	10G SFP+ Fiber Ports	2 dedicated	2 dedicated	
	Power Over Ethernet 802.3af Ports			
	PoE Plus (30W) 802.3at Ports		48	
	Total PoE Budget		505W	
LEDs	Advanced per-port PoE controls (enable/disable/power limit)		Yes	
	Advanced per-port PoE scheduling		Yes	
	Front (per device) - Desktop models			
Scalability	Rear (port side) (per device) - Desktop models	Cloud/Internet Connection, Power, PoE Max, Fan Status	Cloud/Internet Connection, Power, PoE Max, Fan Status	
	Front (port side) (per device) - Rackmount models			
	Rear (port side) (per port) - Desktop models	Speed/Link/Activity	Speed/Link/Activity (left), PoE Power (right)	
	Front (port side) (per port) - Rackmount models			
System Management	# MAC Addresses	16000	16000	
	ARP Table - Size of	384	384	
	# Routing Entries	32 IPv4 / 31 IPv6	32 IPv4 / 31 IPv6	
	# ACL Rules (Shared for MAC, IP and IPv6 ACLs)	100	100	
Quality of Service	Cloud/Remote Management	Yes	Yes	
	Mobile app and Cloud Portal management	Yes	Yes	
	uPnP Discovery & Bonjour Discovery	Yes	Yes	
	Centralized network configuration (policies)	Yes	Yes	
	Device auto-join and configure (zero-touch provisioning)	Yes	Yes	
	Multi-site, multi-network single pane-of-glass view	Yes	Yes	
	Multi-switch, multi-port concurrent configuration	Yes	Yes	
	Network/global password (for all Insight Managed devices on a network)	Yes	Yes	
	Local-only Web Browser-Based Managed/GUI	Yes	Yes	
	SNMP Version	v1, v2c, v3	v1, v2c, v3	
	RMON Group	1,2,3,9	1,2,3,9	
	DHCP (Client/Server/Relay)	Client	Client	
	Port Mirroring	Many-to-One	Many-to-One	
	IPv6 Management	Yes	Yes	
	Firmware upgrade direct from Cloud (via mobile device)	Yes	Yes	
	Multicast Filtering	Number of Priority Queues	8	8
		Traffic Prioritization	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv
		Auto Voice VLAN	Yes	Yes
	Performance	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
		IGMP Snooping Querier	Yes	Yes
Bandwidth		140 Gbps	140 Gbps	
Availability	Buffer Memory	1.5 MB Per System	1.5 MB Per System	
	Jumbo Frames	Yes	Yes	
	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256	256	
	Link Agregation 802.3ad/LACP	Yes	Yes	
	Discovery Protocol LLDP 802.1ab	Yes	Yes	
	Rate Limiting	Yes	Yes	
L3 Routing	Broadcast Storm Control	Yes	Yes	
	IPv4/IPv6 Static Routing	Yes	Yes	
	IEEE 802.1x (RADIUS)	Yes	Yes	
Security	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP	
	SSL/SSH & HTTPS	SSL/HTTPS	SSL/HTTPS	
	Guest VLAN	Yes	Yes	
	DHCP Snooping/IP Source Guard	Yes	Yes	
Energy Efficiency	TACACS+	Yes	Yes	
	IEEE 802.3az	Yes	Yes	
	Auto Port Power Down	Yes	Yes	
	Dynamic Power Consumption	Yes	Yes	
Physical	Max Power Consumption	43.9W	623.6W (full PoE)	
	Desktop/Wallmount (VESA)/Rackmount	Desktop/Rackmount	Desktop/Rackmount	
	Metal/Plastic Enclosure	Metal	Metal	
	MTBF @ 25°C	1,360,115 hrs (155 yrs)	455,682 hrs (50 yrs)	
	Fan(s)	1 (whisper-quiet)	3 (dynamic)	
	Acoustic Noise @ 25°C	29dBA	33dBA	
	Width x Depth x Height	440 x 224 x 44 mm (17.3 x 8.8 x 1.7 in)	440 x 320 x 44 mm (17.3 x 12.6 x 1.7 in)	
	Weight	3.16 kg (6.97 lb)	4.79 kg (10.56 lb)	
Electromagnetic Compliance	Class (A or B)	A	A	
Warranty Switch*		5 years	5 years	
Modules		AGM731F, AGM732F, AGM734, AXM761, AXM762, AXM763, AXM764, AXM765, AXC761, AXC763	AGM731F, AGM732F, AGM734, AXM761, AXM762, AXM763, AXM764, AXM765, AXC761, AXC763	
ProSUPPORT Maintenance Pkgs***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0312 PMB0332 PMB0352	PMB0312 PMB0332 PMB0352	

Fully Managed Switches

Fully Managed, M4100 series
(L2+ with static routing),
10/100 Fast Ethernet

Fully Managed, M4100 series
(L2+ with static routing),
Gigabit



MODEL		M4100-50-POE (FSM7250P)	M4100-D12G (GSM5212)
Port Configuration	10/100 RJ45 Ports (Auto Uplink)	48	
	10/100/1000 RJ45 Ports (Auto Uplink)	2	10
	Fiber Ports	2 SFP	4 SFP
PoE	Power Over Ethernet 802.3af Ports	48	
	PoE+ (30W) 802.3at Ports		1 (PD: powered by PoE+)
	Total PoE Budget	380W standard / up to 740W with EPS	
Scalability	# MAC Addresses	16,000	16,000
	ARP Table - Size of	512	512
	# Routing Entries	64	64
	# ACL Rules	512	512
System Management	Single IP Management		
	Web Managed/GUI	✓	✓
	Command Line Interface/RS232 Console/Telnet	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3
	RMON Group	1, 2, 3, 9	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay	Client/Server/L3 Relay
	Port Mirroring	Many-to-One	Many-to-One
	IPv6 full set	✓	✓
Quality of Service	Number of Priority Queues	8	8
	Traffic Prioritization	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP
	Auto Voice VLAN	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓
Performance	Bandwidth	9 Gbps	24 Gbps
	Buffer Memory	12 MB	12 MB
	Jumbo Frames	9K	9K
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
	RPS Redundant Power Supply	RPS / EPS	When powered by PoE+
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	1,024 / 1,024	1,024 / 1,024
	Link Agregation 802.3ad/LACP	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓
	Rate Limiting	✓	✓
	Broadcast Storm Control	✓	✓
L3 Routing	IPv4 Static Routing	✓	✓
Security	IEEE 802.1x (RADIUS)	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	✓	✓
	DHCP Snooping	✓	✓
	TACACS+	✓	✓
	Auto Port Power Down	✓	✓
	Dynamic Power Consumption	✓	✓
	Max Power Consumption	486.64W	18.80W
Physical	Desktop/Rackmount/Click	Rackmount	Desktop
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	163,019 hrs (19 yrs)	214,142 hrs (24 yrs)
	Fan(s)	✓	
	Acoustic Noise @ 25°C	38.9dba	0dba
	Width x Depth x Height	440 x 310 x 43 mm (17.3 x 12.2 x 1.7 in)	328 x 169 x 43 mm (12.9 x 6.7 x 1.7 in)
	Weight	4.96 kg (10.9 lb)	1.33 kg (2.9 lb)
Electromagnetic Compliance	Class (A or B)	A	A
Warranty Hardware		Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime
Modules		AFM735/ AGM731F/AGM732F, RPS4000 (RPS/EPS x4 switches)	AFM735/ AGM731F/AGM732F
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year	PMB0312	PMB0312
	OnCall 24x7 3-year	PMB0332	PMB0332
	OnCall 24x7 5-year	PMB0352	PMB0352

Fully Managed Switches

Fully Managed, M4100 series (L2+ with static routing), Gigabit



MODEL		M4100-12GF (GSM7212F)	M4100-26G (GSM7224)	M4100-50G (GSM7248)	M4100-26G-POE (GSM7226LP)
Port Configuration	10/100 RJ45 Ports (Auto Uplink)				
	10/100/1000 RJ45 Ports (Auto Uplink)	12	26	50	26
	Fiber Ports	12 SFP	4 SFP	4 SFP	4 SFP
PoE	Power Over Ethernetrt 802.3af Ports	4			24
	PoE+ (30W) 802.3at Ports	4			
	Total PoE Budget	150W standard			192W standard / up to 380W with EPS
Scalability	# MAC Addresses	16,000	16,000	16,000	16,000
	ARP Table - Size of	512	512	512	512
	# Routing Entries	64	64	64	64
	# ACL Rules	512	512	512	512
System Management	Web Managed/GUI	✓	✓	✓	✓
	Command Line Interface/RS232 Console/Telnet	✓	✓	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
	RMON Group	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay	Client/Server/L3 Relay	Client/Server/L3 Relay	Client/Server/L3 Relay
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One	Many-to-One
	IPv6 full set	✓	✓	✓	✓
Quality of Service	Number of Priority Queues	8	8	8	8
	Traffic Prioritization	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP
	Auto Voice VLAN	✓	✓	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓	✓	✓
Performance	Bandwidth	24 Gbps	52 Gbps	100 Gbps	52 Gbps
	Buffer Memory	12 MB	12 MB	12 MB	12 MB
	Jumbo Frames	9K	9K	9K	9K
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
	RPS Redundant Power Supply	RPS	RPS	RPS	RPS / EPS
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	1,024/1,024	1,024/1,024	1,024/1,024	1,024/1,024
	Link Agregation 802.3ad/LACP	✓	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓	✓
	Rate Limiting	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓
L3 Routing	IPv4 Static Routing	✓	✓	✓	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP				
Security	IEEE 802.1x (RADIUS)	✓	✓	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	✓	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓	✓	✓
	TACACS+	✓	✓	✓	✓
Energy Efficiency	IEEE 802.3az				
	Auto Port Power Down	✓	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓	✓
Physical	Power Consumption	160.6W	31.6W	49.5W	272.9W
	Desktop/Rackmount/Click	Rackmount	Rackmount	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal
	MTBF @ 25°C	670,956 hrs (77 yrs)	702,785 hrs (80 yrs)	489,311 hrs (56 yrs)	437,199 hrs (50 yrs)
	Fan(s)	✓	✓	✓	✓
	Acoustic Noise @ 25°C	30dba	35.6dba	37.2dba	36.6dba
	Width x Depth x Height	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)
Electromagnetic Compliance	Weight	3.67 kg (8.08 lb)	3.24 kg (7.1 lb)	3.63 kg (8.0 lb)	3.79 kg (8.36 lb)
	Class (A or B)	A	A	A	A
Warranty Hardware		Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime	Lifetime	Lifetime
Modules		AFM735/ AGM731F/ AGM732F, RPS4000 (RPS x4 switches)	AFM735/ AGM731F/ AGM732F, RPS4000 RPS x4 switches)	AFM735/ AGM731F/ AGM732F, RPS4000 (RPS x4 switches)	AFM735/ AGM731F/ AGM732F, RPS4000 (RPS/EPS x4 switches)
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year	PMB0312	PMB0312	PMB0313	PMB0312
	OnCall 24x7 3-year	PMB0332	PMB0332	PMB0333	PMB0332
	OnCall 24x7 5-year	PMB0352	PMB0352	PMB0353	PMB0352

Fully Managed Switches

		Fully Managed, M4100 series (L2+ with static routing), Gigabit		Fully Managed, M4200 series (L3 with RIP), Multi-Gigabit
MODEL		M4100-24G-POE+ (GSM7224P)	M4100-50G-POE+ (GSM7248P)	M4200-10MG-POE+ (GSM4210P)
Port Configuration	10/100 RJ45 Ports (Auto Uplink)			
	10/100/1000 RJ45 Ports (Auto Uplink)	24	50	8 2.5GBase-T
	Fiber Ports	4 SFP	4 SFP	2 SFP+ (10G)
PoE	Power Over Ethernet 802.3af Ports	24	48	8
	PoE Plus (30W) 802.3at Ports	24	48	8
	Total PoE Budget	380W standard / up to 720W with EPS	380W standard / up to 1,440W with EPS	240W
Scalability	# MAC Addresses	16,000	16,000	16,000
	ARP Table - Size of	512	512	1,024
	# Routing Entries	64	64	32
	# ACL Rules	512	512	16,384 (ingress, egress)
	Web Managed/GUI	✓	✓	✓
System Management	Command Line Interface/RS232 Console/Telnet	✓	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
	RMON Group	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay	Client/Server/L3 Relay	Client/Server/L3 Relay
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One
	IPv6 full set	✓	✓	✓
Quality of Service	Number of Priority Queues	8	8	8
	Traffic Prioritization	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP
	Auto Voice VLAN	✓	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓	✓
Performance	Bandwidth	48 Gbps	100 Gbps	90 Gbps
	Buffer Memory	12 MB	12 MB	16 MB
	Jumbo Frames	9K	9K	9K
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s; PV(R)STP
	RPS Redundant Power Supply	RPS / EPS	RPS / EPS	
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	1,024/1,024	1,024/1,024	1,024/1,024
	Link Agregation 802.3ad/LACP	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓
	Rate Limiting	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓
L3 Routing	IPv4 Static Routing	✓	✓	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP			RIP v1, v2
Security	IEEE 802.1x (RADIUS)	✓	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓	✓
	TACACS+	✓	✓	✓
Energy Efficiency	IEEE 802.3az			✓
	Auto Port Power Down	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓
	Power Consumption	533W	555.5W	281.6W
Physical	Desktop/Rackmount/Click	Rackmount	Rackmount	Rackmount/Easy Mount
	Metal/Plastic Enclosure	Metal	Metal	Metal
	MTBF @ 25°C	394,619 hrs (45 yrs)	239,298 hrs (27 yrs)	753,324 hrs (86 yrs)
	Fan(s)	✓	✓	✓
	Acoustic Noise @ 25°C	33.8dBA	47.7dBA	28.9dBA
	Width x Depth x Height	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 310 x 43 mm (17.3 x 12.2 x 1.7 in)	440 x 100 x 44 mm (17.3 x 3.9 x 1.7 in)
	Weight	4.37 kg (9.63 lb)	4.96 kg (10.9 lb)	2.05 kg (4.52 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A
Warranty Hardware		Lifetime	Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime	Lifetime
Modules		AFM735/ AGM731F/AGM732F, RPS4000 (RPS/EPS x4 switches)	AFM735/ AGM731F/AGM732F, RPS4000 (RPS/EPS x4 switches)	AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/AXM764/ AXM765
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0312 PMB0332 PMB0352	PMB0313 PMB0333 PMB0353	PMB0312 PMB0332 PMB0352

WHAT SETS NETGEAR M4300 APART?

Scaling from 24-port 1G full power PoE+ to 96-port 10G and also 24-port 40G, the M4300 managed switch series is the world’s first stackable platform offering edge to core stacking with unrivalled ease of use: 10 Gigabit models can seamlessly stack with 1 Gigabit models. Non-stop forwarding virtual chassis architecture provides advanced High Availability. Dual redundant, modular power supplies equipping full width models contribute to business continuity management for resilient networking. M4300 is also the world’s first stackable platform reproducing Spine and Leaf datacenter topologies in the same stack with unrivalled ease of use. No more bottlenecks or downtime!

1G models are capable of PoE+ full provisioning, feature a Layer 3 feature set including static, policy-based and dynamic routing with RIP, VRRP, OSPF and PIM as standard, and are future-proof, SDN-ready. The M4300 is covered under NETGEAR ProSAFE industry-leading Lifetime Hardware Warranty with 90 days of Technical Support via phone and email, Lifetime Technical Support through online chat and Lifetime Next Business Day hardware replacement for utmost peace of mind.

Discover the 10 reasons why our customers love M4300

1	Flexible Server Connections	M4300 gets you covered with plentiful Copper AND Fiber available. No additional module needed.
2	Affordable Enterprise-grade Switches	You will feel good about the price you have to pay for M4300s, with no hidden costs.
3	World-class Features and Future-ready Network	No license upgrades needed for 802.1x and MAB NAC implementation, Layer 3 (PBR, RIP, VRRP, OSPF and PIM) and SDN-Ready.
4	Scales with your Business	Half-Width M4300 models will let you pair a second switch in same U and allows you to easily add capacity to scale with your business.
5	Edge to Core Stacking	M4300 is the world’s first stackable platform reproducing Spine and Leaf datacenter topologies in the SAME STACK with unrivalled ease of use. No more bottlenecks or downtime!
6	Full Speed Ahead	M4300 will scale up to astronomic performance needs with up to 128K MAC table, 2K ARP/NDP and 1920 Gbps of switching and routing capacity.
7	Absolutely NO downtime	M4300 Nonstop Forwarding (NSF) absolutely provides increased network service availability, eliminating downtimes, for a fully resilient network.
8	Convergent Access Layer	M4300 ring stacking reduces the number of logical units to manage with one easy Web interface while bringing full network redundancy in aggregation to the core, and simplifies PoE deployment at the edge.
9	HA Best Practices	M4300 two-unit horizontal stacking is cost effective yet highly effective for HA with link aggregation (L2/L3/L4 LACP), load balancing and nonstop forwarding failover, for no single point of failure across your virtualized servers.
10	Full power redundancy	M4300 positively simplified Redundant Power Supply, just insert one more, hot swap (and cost effective) PSU in full width models for mission-critical operations.

Fully Managed Switches

Fully Managed, M4300 series (L3), Gigabit and 10-Gigabit



MODEL		M4300-28G (GSM4328S)	M4300-52G (GSM4352S)
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	24 / 2 10GBase-T	48 / 2 10GBase-T
	Fiber Ports	2 SFP+ (10G)	2 SFP+ (10G)
	10Gig Module Bays		
PoE	Power Over Ethernet 802.3af Ports		
	PoE Plus (30W) 802.3at Ports		
	Total PoE Budget		
Stacking	Number of Dedicated Stacking Ports	Up to 4 10G ports	Up to 4 10G ports
	Stacking Bandwidth	80 Gbps	80 Gbps
	Stacking (maximum capacity)	8 switches	8 switches
	Stacking Compatibility	M4300 series	M4300 series
Scalability	# MAC Addresses	16,000	16,000
	ARP Table - Size of	2,048	2,048
	# Routing Entries	12,000	12,000
	# ACL Rules	16,384 (ingress, egress)	16,384 (ingress, egress)
System Management	Single IP Management	✓	✓
	Web Managed/GUI	✓	✓
	Command Line Interface/RS232 Console/Telnet	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3
	RMON Group	1, 2, 3, 9	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay	Client/Server/L3 Relay
	Port Mirroring	Many-to-One; RSPAN	Many-to-One; RSPAN
	IPv6 full set	✓	✓
Quality of Service	Number of Priority Queues	8	8
	Traffic Prioritization	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP
	Auto Voice VLAN	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓
Performance	Bandwidth	128 Gbps	176 Gbps
	Buffer Memory	16 MB	16 MB
	Jumbo Frames	9K	9K
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s; PV(R)STP	802.1d, .1w, .1s; PV(R)STP
	RPS Redundant Power Supply	Second optional APS150W	Second optional APS150W
Traffic Management	Modular Power Supply	APS150W	APS150W
	Number of 802.1q VLAN/Number of VLAN Group	4,093/4,093	4,093/4,093
	Link Agregation 802.3ad/LACP	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓
	Rate Limiting	✓	✓
	Broadcast Storm Control	✓	✓
L3 Routing	IPv4 Static Routing	✓	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	✓	✓
	IPv6 Static Routing, IPv6 OSPFv3	✓	✓
	IPv4 / IPv6 Multicast Routing PIM-SM/DM	✓	✓
Security	IEEE 802.1x (RADIUS)	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓
	TACACS+	✓	✓
	IEEE 802.3az	✓	✓
Energy Efficiency	Auto Port Power Down	✓	✓
	Dynamic Power Consumption	✓	✓
	Power Consumption	34.5W	47.4W
Physical	Desktop/Rackmount/Click	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	1,328,968 hrs	578,472 hrs
	Fan(s)	Front to back	Front to back
	Acoustic Noise @ 25°C	30.3dBA	31.5dBA
	Width x Depth x Height	440 x 310 x 44 mm (17.32 x 12.2 x 1.73 in)	440 x 310 x 44 mm (17.32 x 12.2 x 1.73 in)
	Weight	4.51 kg (9.94 lb)	4.91 kg (10.81 lb)
Electromagnetic Compliance	Class (A or B)	A	A
Warranty Hardware		Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime
Modules		AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/AXM764/AXM765	AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/AXM764/AXM765
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0313 PMB0333 PMB0353	PMB0313 PMB0333 PMB0353

Fully Managed Switches

Fully Managed, M4300 series (L3), Gigabit and 10-Gigabit



MODEL		M4300-28G-POE+ (GSM4328PA OR GSM4328PB)	M4300-52G-POE+ (GSM4352PA OR GSM4352PB)
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	24 / 2 10GBase-T	48 / 2 10GBase-T
	Fiber Ports	2 SFP+ (10G)	2 SFP+ (10G)
	10Gig Module Bays		
PoE	Power Over Ethernet 802.3af Ports	24	48
	PoE Plus (30W) 802.3at Ports	24	48
	Total PoE Budget	480W (PA)/630W (PB) Up to 720W with second PSU	480W (PA) or 591W (PB) Up to 1,440W with second PSU
Stacking	Number of Dedicated Stacking Ports	Up to 4 10G ports	Up to 4 10G ports
	Stacking Bandwidth	80 Gbps	80 Gbps
	Stacking (maximum capacity)	8 switches	8 switches
	Stacking Compatibility	M4300 series	M4300 series
Scalability	# MAC Addresses	16,000	16,000
	ARP Table - Size of	2,048	2,048
	# Routing Entries	12,000	12,000
	# ACL Rules	16,384 (ingress, egress)	16,384 (ingress, egress)
System Management	Single IP Management	✓	✓
	Web Managed/GUI	✓	✓
	Command Line Interface/RS232 Console/Telnet	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3
	RMON Group	1, 2, 3, 9	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay	Client/Server/L3 Relay
	Port Mirroring	Many-to-One; RSPAN	Many-to-One; RSPAN
	IPv6 full set	✓	✓
Quality of Service	Number of Priority Queues	8	8
	Traffic Prioritization	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP
	Auto Voice VLAN	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓
Performance	Bandwidth	128 Gbps	176 Gbps
	Buffer Memory	16 MB	16 MB
	Jumbo Frames	9K	9K
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s; PV(R)STP	802.1d, .1w, .1s; PV(R)STP
	RPS Redundant Power Supply	Second optional APS550W (PA) Second optional APS1000W (PB)	Second optional APS550W (PA) Second optional APS1000W (PB)
Traffic Management	Modular Power Supply	APS550W (PA) or APS1000W (PB)	APS550W (PA) or APS1000W (PB)
	Number of 802.1q VLAN/Number of VLAN Group	4,093/4,093	4,093/4,093
	Link Agregation 802.3ad/LACP	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓
	Rate Limiting	✓	✓
	Broadcast Storm Control	✓	✓
L3 Routing	IPv4 Static Routing	✓	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	✓	✓
	IPv6 Static Routing, IPv6 OSPFv3	✓	✓
	IPv4 / IPv6 Multicast Routing PIM-SM/DM	✓	✓
Security	IEEE 802.1x (RADIUS)	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓
	TACACS+	✓	✓
	IEEE 802.3az	✓	✓
Energy Efficiency	Auto Port Power Down	✓	✓
	Dynamic Power Consumption	✓	✓
	Power Consumption	577W (PA 1 PSU) 833.2W (PB 1 PSU)	609W (PA 1 PSU) 888W (PB 1 PSU)
Physical	Desktop/Rackmount/Click	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	1,189,685 hrs	673,207 hrs
	Fan(s)	Front to back	Front to back
	Acoustic Noise @ 25°C	39.8dBA	39.8dBA
	Width x Depth x Height	440 x 310 x 44 mm (17.32 x 12.2 x 1.73 in)	440 x 380 x 44 mm (17.32 x 15.28 x 1.73 in)
	Weight	5.09 kg (11.21 lb)	6.55 kg (14.44 lb)
Electromagnetic Compliance	Class (A or B)	A	A
Warranty Hardware		Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime
Modules		AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/AXM764/AXM765	AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/AXM764/AXM765
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0313 PMB0333 PMB0353	PMB0313 PMB0333 PMB0353

Fully Managed Switches

Fully Managed, M4300 series (L3), Gigabit and 10-Gigabit



MODEL		M4300-8X8F (XSM4316S)	M4300-12X12F (XSM4324S)	M4300-24X (XSM4324CS)	M4300-24X24F (XSM4348S)
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	8 10GBase-T	12 10GBase-T	24 10GBase-T	24 10GBase-T
	Fiber Ports	8 SFP+ (10G)	12 SFP+ (10G)	4 combo SFP+ (10G)	24 SFP+ (10G)
	10Gig Module Bays				
PoE	Power Over Ethernet 802.3af Ports				
	PoE Plus (30W) 802.3at Ports				
	Total PoE Budget				
Stacking	Number of Dedicated Stacking Ports	Up to 16 10G ports	Up to 16 10G ports	Up to 16 10G ports	Up to 16 10G ports
	Stacking Bandwidth	320 Gbps	320 Gbps	320 Gbps	320 Gbps
	Stacking (maximum capacity)	8 switches	8 switches	8 switches	8 switches
	Stacking Compatibility	M4300 series	M4300 series	M4300 series	M4300 series
Scalability	# MAC Addresses	16,000	16,000	16,000	128,000
	ARP Table - Size of	2,048	2,048	2,048	8,192
	# Routing Entries	12,000	12,000	12,000	12,000
	# ACL Rules	16,384 (ingress, egress)	16,384 (ingress, egress)	16,384 (ingress, egress)	16,384 (ingress, egress)
System Management	Single IP Management	✓	✓	✓	✓
	Web Managed/GUI	✓	✓	✓	✓
	Command Line Interface/RS232 Console/Telnet	✓	✓	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
Quality of Service	RMON Group	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay	Client/Server/L3 Relay	Client/Server/L3 Relay	Client/Server/L3 Relay
	Port Mirroring	Many-to-One; RSPAN	Many-to-One; RSPAN	Many-to-One; RSPAN	Many-to-One; RSPAN
	IPv6 full set	✓	✓	✓	✓
Multicast Filtering	Number of Priority Queues	8	8	8	8
	Traffic Prioritization	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP
	Auto Voice VLAN	✓	✓	✓	✓
Performance	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓	✓	✓
	Bandwidth	320 Gbps	480 Gbps	480 Gbps	960 Gbps
Availability	Buffer Memory	16 MB	32 MB	32 MB	56 MB
	Jumbo Frames	9K	9K	9K	9K
	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s; PV(R)STP	802.1d, .1w, .1s; PV(R)STP	802.1d, .1w, .1s; PV(R)STP	802.1d, .1w, .1s; PV(R)STP
	RPS Redundant Power Supply				Second optional APS250W
Traffic Management	Modular Power Supply	APS250W	APS250W	APS250W	APS250W
	Number of 802.1q VLAN/Number of VLAN Group	4,093/4,093	4,093/4,093	4,093 / 4,093	4,093 / 4,093
	Link Agregation 802.3ad/LACP	✓	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓	✓
L3 Routing	Rate Limiting	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓
	IPv4 Static Routing	✓	✓	✓	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	✓	✓	✓	✓
Security	IPv6 Static Routing, IPv6 OSPFv3	✓	✓	✓	✓
	IPv4 / IPv6 Multicast Routing PIM-SM/DM	✓	✓	✓	✓
	IEEE 802.1x (RADIUS)	✓	✓	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP
Energy Efficiency	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	✓	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓	✓	✓
	TACACS+	✓	✓	✓	✓
Physical	IEEE 802.3az	✓	✓	✓	✓
	Auto Port Power Down	✓	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓	✓
	Power Consumption	49W	97W	125W	161W
Electromagnetic Compliance	Desktop/Rackmount/Click	Rackmount	Rackmount	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal
	MTBF @ 25°C	196,120 hrs	192,898 hrs	247,437 hrs	133,176 hrs
	Fan(s)	Front to back	Front to back	Front to back	Front to back
Warranty Hardware	Acoustic Noise @ 25°C	36.9dBA	36.9dBA	37dBA	35.8dBA
	Width x Depth x Height	Half-Width: 212 x 345 x 44 mm (8.35 x 13.58 x 1.73 in)	Half-Width: 212 x 345 x 44 mm (8.35 x 13.58 x 1.73 in)	Half-Width: 212 x 345 x 44 mm (8.35 x 13.58 x 1.73 in)	440 x 345 x 44 mm (17.32 x 13.58 x 1.73 in)
	Weight	3.32kg (7.31 lb)	3.69 kg (8.14 lb)	4.14 kg (9.12 lb)	6.12 kg (13.48 lb)
	Class (A or B)	A	A	A	A
Warranty Power Supply		Lifetime	Lifetime	Lifetime	Lifetime
Modules		AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/ AXM764/AXM765	AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/ AXM764/AXM765	AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/ AXM764/AXM765	AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/ AXM764/AXM765
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0313 PMB0333 PMB0353	PMB0314 PMB0334 PMB0354	PMB0314 PMB0334 PMB0354	PMB0314 PMB0334 PMB0354

Fully Managed Switches

Fully Managed, M4300 series (L3), Gigabit and 10-Gigabit

Fully Managed, M5300 series (L3), Gigabit and 10-Gigabit





Fully Managed, M6100 series (L3), Gigabit and 10-Gigabit













MODEL		M4300-48X (XSM4348CS)	M4300-96X (XSM4396K0 OR K1)	M5300-28GF3 (GSM7328FS)	M6100 SERIES (XCM8900)
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	48 10GBase-T	Up to 96 10GBaseT	4 / 2 10GBase-T	Up to 144 / 72 10GBase-T
	Fiber Ports	4 combo SFP+ (10G)	Up to 96 SFP+ / 24 QSFP+	24 SFP / 2 SFP+ (10G)	Up to 120 SFP / 48 SFP+
	10Gig Module Bays			2 I/O 10G bays	
PoE	Power Over Ethernet 802.3af Ports		Up to 48		Up to 144
	PoE Plus (30W) 802.3at Ports		Up to 48		Up to 144, including UPOE 60W
	Total PoE Budget		Up to 1,440W		Up to 6,000W
Stacking	Number of Dedicated Stacking Ports		Up to 16 10G or 40G ports	2 or 4	3-slot Chassis
	Stacking Bandwidth	320 Gbps	320 Gbps	48 Gbps AX742 I/O bays	Management and Fabric Redundancy
	Stacking (maximum capacity)	8 switches	8 switches	8 switches, 384 ports	Hitless Failover
	Stacking Compatibility	M4300 series	M4300 series	M5300, GSM72xxPS, GSM73xxSv2	Distributed Fabric
Scalability	# MAC Addresses	128,000	256,000	32,000	32,000
	ARP Table - Size of	8,192	8,192	6,144	8K
	# Routing Entries	12,000	12,000	12,000	12,000
	# ACL Rules	16,384 (ingress, egress)	16,384 (ingress, egress)	16,384 (ingress, egress)	16K (ingress, egress)
System Management	Single IP Management	✓	✓	✓	✓
	Web Managed/GUI	✓	✓	✓	✓
	Command Line Interface/RS232 Console/Telnet	✓	✓	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
Quality of Service	RMON Group	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay	Client/Server/L3 Relay	Client/Server/L3 Relay	Client/Server/L3 Relay
	Port Mirroring	Many-to-One; RSPAN	Many-to-One; RSPAN	Many-to-One; RSPAN	Many-to-One; RSPAN
	IPv6 full set	✓	✓	✓	✓
Multicast Filtering	Number of Priority Queues	8	8	8	7
	Traffic Prioritization	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP
	Auto Voice VLAN	✓	✓	✓	✓
Performance	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓	✓	✓
	Bandwidth	960 Gbps	1.920 Tbps	144 Gbps	480 Gbps inter-module
Availability	Buffer Memory	56 MB	96 MB	16 MB	32 MB (1G); 72 MB (10G)
	Jumbo Frames	9K	9K	12K	12K
	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s; PV(R)STP	802.1d, .1w, .1s; PV(R)STP	802.1d, .1w, .1s; PV(R)STP	802.1d, .1w, .1s; PV(R)STP
	RPS Redundant Power Supply	Second optional APS250W	Second optional APS600W or APS1200W	RPS	N+1 PSU
Traffic Management	Modular Power Supply	APS250W	APS600W or APS1200W	APS135W	Up to 4 or 8 APS1000W
	Number of 802.1q VLAN/Number of VLAN Group	4,093 / 4,093	4,093 / 4,093	4,093 / 4,093	4K / 4K
	Link Agregation 802.3ad/LACP	✓	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓	✓
L3 Routing	Rate Limiting	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓
	IPv4 Static Routing	✓	✓	✓	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	✓	✓	✓	✓
Security	IPv6 Static Routing, IPv6 OSPFv3	✓	✓	✓	✓
	IPv4 / IPv6 Multicast Routing PIM-SM/DM	✓	✓	✓	✓
	IEEE 802.1x (RADIUS)	✓	✓	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP
Energy Efficiency	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	✓	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓	✓	✓
	TACACS+	✓	✓	✓	✓
Physical	IEEE 802.3az	✓	✓	✓	✓
	Auto Port Power Down	✓	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓	✓
	Power Consumption	237.2W	566W (without PoE) 2,006W (max PoE)	55W	See online configurator
Electromagnetic Compliance	Desktop/Rackmount/Click	R	R	R	R
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal
	MTBF @ 25°C	249,393 hrs	519,784 hrs	539,481 hrs	387 years (Base Chassis)
	Fan(s)	Front to back	Front to back	✓	Front to back
Warranty Hardware	Acoustic Noise @ 25°C	40.3dBA	35.8dBA (no PoE); 66.8dBA (max PoE)	35.6dBA	53dBA
	Width x Depth x Height	440 x 345 x 44 mm (17.32 x 13.58 x 1.73 in)	440 x 535 x 88 mm (17.32 x 21.08 x 3.47 in)	440 x 391 x 43.2 mm (17.32 x 15.39 x 1.7 in)	432 x 442 x 176 mm (17.01 x 17.39 x 6.93 in)
	Weight	6.55 kg (14.44 lb)	16.28 kg (35.86 lb) (K1)	5.4 kg (11.91 lb)	Up to 31.6 kg (69.67 lb)
	Class (A or B)	A	A	A	A
Warranty Power Supply		Lifetime	Lifetime	Lifetime	Lifetime
Modules		AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/ AXM764/AXM765	AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM764/ AXM765	AFM735, AGM731F/ AGM732F AX742, AX743/ AX744/AX745; AXM761/ AXM762/AXM763, AXM764; RPS4000 (RPS x4 switches)	XCM8948/XCM8944/XCM8944F/ XCM8924X/XCM899P/XCM899UP; RPS4000v2;AGM731F/AGM732F/AGM734; AXM761/AXM762/AXM763; AXC761/ AXC763/AXC753; APS1000W; AFT603
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0314 PMB0334 PMB0354	PMB0314 PMB0334 PMB0354	PMB0314 PMB0334 PMB0354	PMB0314 PMB0334 PMB0354

Modules and Accessories for Switches

For use with managed switches






<div><div>Gigabit Fiber Modules</div><div></div></div>				
MODEL	AGM731F	AGM732F	AGM734	AFM735
Product Description	SFP Transceiver 1000BASE-SX	SFP Transceiver 1000BASE-LX	SFP Transceiver 1000BASE-T	SFP Transceiver 100BASE-FX
Distance	Up to 550m	Up to 10km	Up to 100m	Up to 2km
Cabling Type	IEEE 802.3z 1000BASE-SX	IEEE 802.3z 1000BASE-LX	1000BASE-T	IEEE 802.3-2002 100BASE-FX
Connector	LC duplex	LC duplex	RJ45	LC duplex
Interface (Bus) Type	Small Form Factor Pluggable (SFP)	Small Form Factor Pluggable (SFP)	Small Form Factor Pluggable (SFP)	Small Form Factor Pluggable (SFP)
Form Factor	Plug-in module	Plug-in module	Plug-in module	Plug-in module
Data Transfer Rate	1 Gbps	1 Gbps	1 Gbps	100 Mbps
Hot-Swappable	✓	✓	✓	✓
Fiber Cable Support	50µm OM4 multimode (1000m); 50µm OM3 multimode (550m); 62.5µm OM1/OM2multimode (275m)	9µm single mode (10km)	Copper CAT5E or better (1000 Mbps Full Duplex only)	50µm/62.5µm OM1/OM2/OM3/OM4 multimode (2km)
Switch Compatibility	Select Smart Managed (Plus, Pro), Insight Smart Cloud, and Fully Managed Switches	Select Smart Managed (Plus, Pro), Insight Smart Cloud, and Fully Managed Switches	Select Smart Managed (Plus, Pro), Insight Smart Cloud, and Fully Managed Switches	Select Smart Managed (Plus, Pro), Fully Managed Switches
Warranty	5 years	5 years	5 years	5 years




<div><div>10-Gigabit Copper and Fiber Modules</div><div></div></div>					
MODEL	AX742	AX743	AX745	AXM761	AXM762
Product Description	24 / 48 Gigabit Stacking Kit	I/O Module SFP+	I/O Module 10GBase-T	SFP+ Transceiver 10GBASE-SR	SFP+ Transceiver 10GBASE-LR
Distance	N/A	N/A	Up to 100m	Up to 500m	Up to 10km
Cabling Type	CX4 Cable	Fiber or DAC	CAT5/5E: GIGABIT CAT6: 10GBASE-T 30m CAT6A/7: 10GBASE-T 100m	10GBASE-SR "Short Reach"	10GBASE-LR "Long Reach"
Connector	CX4	SFP+	One RJ45 connection	LC duplex	LC duplex
Interface (Bus) Type	24/48 Gigabit High-speed Stacking	10-Gigabit Small Form Factor Pluggable (SFP+)	10-Gigabit 10GBASE-T	10-Gigabit Small Form Factor Pluggable (SFP+)	10-Gigabit Small Form Factor Pluggable (SFP+)
Form Factor	Plug-in module	I/O Module	I/O Module	Plug-in SFP+	Plug-in SFP+
Data Transfer Rate	12 Gbps Full-duplex (24 Gbps)	10 Gbps	10 Gbps	10 Gbps	10 Gbps
Hot-Swappable	✓	✓	✓	✓	✓
Fiber Cable Support	NA	Depends on SFP+ optics	NA	50µm OM4 multimode (500m); 50µm OM3 multimode (300m); 62.5µm OM1/OM2multimode (33m)	9µm single mode (10km)
Switch Compatibility	M5300 series (rear bays)	M5300 series (rear bays)	M5300 series (rear bays)	Select Unmanaged, Smart Managed (Plus, Pro), Insight Smart Cloud, and Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Insight Smart Cloud, and Fully Managed Switches
Warranty	5 years	5 years	5 years	5 years	5 years

<div><div>10-Gigabit Copper and Fiber Modules</div><div></div></div>					
MODEL	AXM763	AXM764	AXM765	AXC761	AXC763
Product Description	SFP+ Transceiver 10GBASE-LRM	SFP+ Transceiver 10GBASE-LR Lite	SFP+ Transceiver 10GBASE-T	Passive SFP+ DAC 1m	Passive SFP+ DAC 3m
Distance	Up to 260m	Up to 2km	Up to 30m	1m	3m
Cabling Type	10GBASE-LRM Long Reach Multimode	10GBASE-LR "Lite"	10GBASE-T	Direct Attach Cable	Direct Attach Cable
Connector	LC duplex	LC duplex	RJ45	SFP+	SFP+
Interface (Bus) Type	10-Gigabit Small Form Factor Pluggable (SFP+)	10-Gigabit Small Form Factor Pluggable (SFP+)	10 Gigabit Small Form Factor Pluggable (SFP+)	10-Gigabit Small Form Factor Pluggable (SFP+)	10-Gigabit Small Form Factor Pluggable (SFP+)
Form Factor	Plug-in SFP+	Plug-in SFP+	Plug-in SFP+	SFP+ Cable	SFP+ Cable
Data Transfer Rate	10 Gbps	10 Gbps	10 Gbps	10 Gbps	10 Gbps
Hot-Swappable	✓	✓	✓	✓	✓
Fiber Cable Support	62.5µm OM1/OM2 multimode (220m); 50µm OM3/OM4 multimode (260m)	9µm single mode (2km)	CAT6a / CAT7 (Copper)	NA	NA
Switch Compatibility	Select Unmanaged, Smart Managed (Plus, Pro), Insight Smart Cloud, and Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Insight Smart Cloud, and Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Insight Smart Cloud, and Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Insight Smart Cloud, and Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Insight Smart Cloud, and Fully Managed Switches
Warranty	5 years	5 years	5 years	5 years	5 years

Modules and Accessories for Switches

For use with managed switches

<div><div>10-Gigabit Copper and Fiber Modules</div><div></div></div>					
MODEL	AXC765	AXC767	AXC7610	AXC7615	AXC7620
Product Description	Active SFP+ DAC 5m	Active SFP+ DAC 7m	Active SFP+ DAC 10m	Active Optical SFP+ DAC 15m	Active Optical SFP+ DAC 20m
Distance	5m	7m	10m	15m	20m
Cabling Type	Direct Attach Cable	Direct Attach Cable	Direct Attach Cable	Direct Attach Cable	Direct Attach Cable
Connector	SFP+	SFP+	SFP+	SFP+	SFP+
Interface (Bus) Type	10 Gigabit Small Form Factor Pluggable (SFP+)	10 Gigabit Small Form Factor Pluggable (SFP+)	10 Gigabit Small Form Factor Pluggable (SFP+)	10 Gigabit Small Form Factor Pluggable (SFP+)	10 Gigabit Small Form Factor Pluggable (SFP+)
Form Factor	SFP+ Cable	SFP+ Cable	SFP+ Cable	SFP+ Cable	SFP+ Cable
Data Transfer Rate	10 Gbps	10 Gbps	10 Gbps	10 Gbps	10 Gbps
Hot-Swappable	✓	✓	✓	✓	✓
Fiber Cable Support	NA	NA	NA	NA	NA
Switch Compatibility	Select Unmanaged, Smart Managed (Plus, Pro), Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Fully Managed Switches
Warranty	5 year	5 year	5 year	5 year	5 year

<div><div>Modular Power Supply</div><div></div></div>				
MODEL	APS135W	APS150W	APS250W	APS550W
Product Description	135-Watt Modular Power Supply	150-Watt Modular Power Supply	250-Watt Modular Power Supply	550-Watt Modular Power Supply
Hot-Swappable	When used with an RPS	When 2 PSUs	When 2 PSUs	When 2 PSUs
Switch Compatibility	M5300 series (non-PoE versions)	M4300 series (1G non-PoE models)	M4300 series (10G models)	M4300 series (PoE PA models)
Warranty	5 years	5 years	5 years	5 years

<div><div>Modular Power Supply</div><div></div></div>				
MODEL	APS600W	APS1000W	APS1200W	RPS4000v2
Product Description	600-Watt Modular Power Supply	1,000-Watt Modular Power Supply	1,200-Watt Modular Power Supply	Redundant/External Power Supply (RPS/EPS for up to 4 switches)
Hot-Swappable	When 2 PSUs	Yes	When 2 PSUs	Yes
Switch Compatibility	M4300-96X	RPS4000v2, M4300 series (PoE PB models), M6100	M4300-96X	S3300 (PoE), M4100, M4300 (48p PoE models), M5300, M6100
Warranty	5 years	5 years	5 years	5 years



WIRELESS

SOLUTIONS OVERVIEW



Office WiFi

Basic WiFi - One Room Solution

Powerful, plug-and-play WiFi

- Simple, affordable & convenient WiFi
- Instant installation (plug-and-play)
- Great performance & compact size
- 10 connections per access point

Advanced WiFi - Multi-Room Solution

Blazing fast, high coverage DIY WiFi

- Wire-free installation (desk, wall/ceiling mount)
- Separate and secure access for guests & employees
- Expandable coverage with indoor and/or outdoor satellites*
- 40 connections per access point

*Each unit is 2,500 sq. ft. of coverage up to 10,000 sq.ft.

Tri-band
Mesh WiFi



Smart Cloud
Managed WiFi

Premium WiFi - Multi-Floor Solution

Full coverage, cloud management WiFi

- Easy wired installation (PoE or power adapter)
- Remote management with NETGEAR Insight
- Plug-and-play cloud WiFi & seamless roaming
- 100 connections per access point

Ultimate WiFi - Multi-Location Solution

Complete coverage, centralized management

- Multi-connections simultaneously
- Central management & configuration
- Heat maps for optimized coverage
- 200 connections per access point

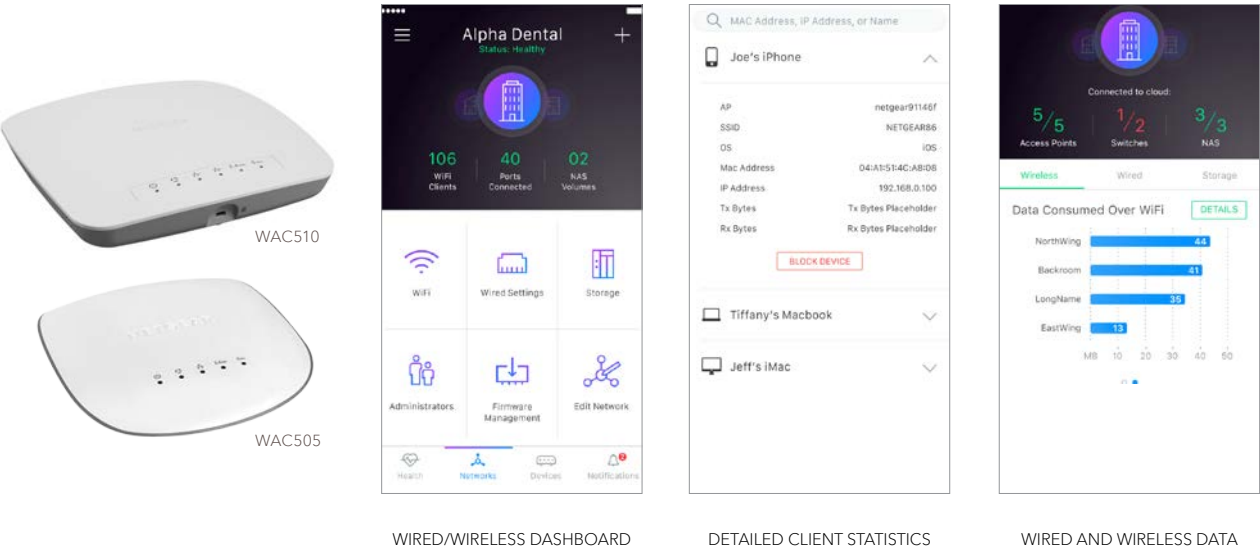
Controller
Managed WiFi



INTRODUCING ONE-TOUCH WIRELESS VISIBILITY & MANAGEMENT

NETGEAR introduces the new IT revolution for small businesses with “One-touch connectivity” with Insight management app. Experience easy set-up, remote management and full control of your wireless network. With 20 years of experience in small & medium business networking, NETGEAR is now delivering wireless connectivity that “just works” at your fingertips.

NETGEAR Insight enables multi-device configuration of your NETGEAR Insight Managed wireless access points, either locally or remotely. It provides network management, monitoring and service deployment across multiple remote and local sites for the easiest and most user-friendly wireless networking experience. Anywhere management also includes Insight Managed switches and Business-Class ReadyNAS on top of Insight Managed Wireless Access points, enabling whole network visibility and management. Insight app also allows you discover select wired and wireless devices from your local or remote network.



BUSINESS FEATURES FOR HIGHER SPEED, GREATER COVERAGE AND HIGHER DENSITY WIFI

- Business class WiFi with superior Wave 2 802.11ac performance and range
- 2x2 with 2 streams of data for aggregate throughput of up to 1.2Gbps (300 Mbps at 2.4GHz and 867 Mbps at 5GHz)
- Multi-User Multiple In Multiple Out (MU-MIMO) avoids congestion and ensures performance in high client density deployments like public WiFi hotspots
- One Ethernet port, with Power-over-Ethernet (PoE) for ease of deployment (PoE switch & AC/DC power adapter are sold separately)
- One-touch network visibility. Anywhere. - Smart Cloud remote app management for unrivaled mobile management experience of your wireless network
- App managed, through NETGEAR Insight app for one-touch installation and management of all your WAC505 and WAC510 Access Points, no additional hardware needed
- Market leading 5-year warranty with 24x7 chat support for peace of mind

DIY WIFI FOR SMALL BUSINESSES WITH ORBI PRO WIFI SYSTEM



The Orbi™ Pro Tri-band WiFi System for Small Businesses with patented FastLane3 technology joins the award-winning Orbi Tri-band Home WiFi System product family as the industry's first purpose-built WiFi solution specifically designed for small business owners to install themselves. The Orbi Pro Tri-band WiFi System provides growing businesses with secure, reliable, and blazing fast WiFi.

Orbi Pro is the perfect WiFi solution for commercial locations such as professional offices, restaurants, retail, or bed and breakfast inns, which would benefit from easy to set up WiFi. With Orbi Pro, there is no wiring, professional installation, or added IT costs.

Orbi Pro is also a “Network-in-a-box” (Router + WiFi + Switch) for small businesses. The router and satellite have 7 Gigabit ports together that can be considered as a switch thanks to a dedicated wireless backhaul. 4 of these ports are on the satellite and can be placed anywhere to support business needs. Orbi Pro can be easily installed using the NETGEAR Insight app or Cloud Portal or the Orbi Pro local web GUI and monitored from anywhere with the Insight management solution for ultimate control and peace of mind.

Better WiFi for Business. Everywhere.

Orbi Pro AC3000 Tri-band WiFi System

- Up and running in minutes, wire-free installation, app management
- 3 Secure, separate WiFi networks
- Guest portal with instant customization
- 5,000 sq.ft. coverage (expandable to 10,000 with 2 additional satellites)
- Desktop, Wallmount, ceiling-mount
- Ideal for retail, shops, small businesses and offices





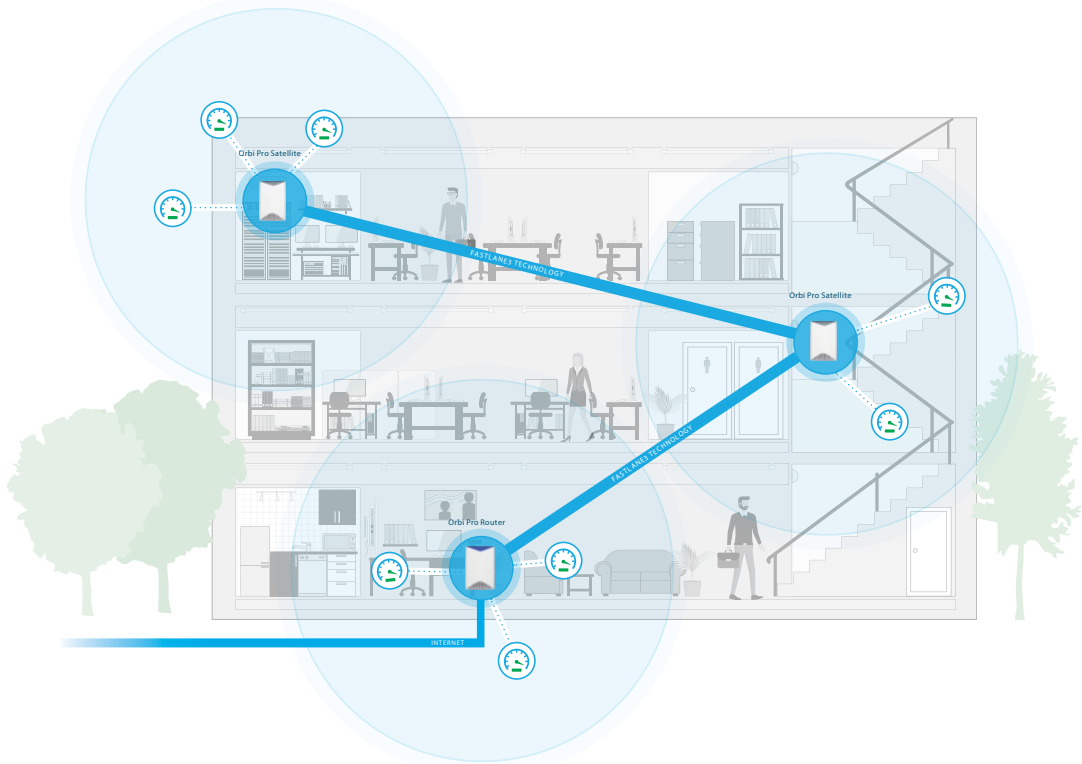
BRING YOUR BUSINESS WIFI TO THE OUTDOORS

Add-on Orbi Pro Outdoor Satellite (RBS50Y)

Extend high-performance WiFi coverage outdoors by up to an extra 2,500 sq. ft. with this weather-resistant, add-on Orbi Outdoor Satellite. Enjoy uninterrupted WiFi for your guests on your terrace or parking lot. Requires Orbi Pro Router included with your existing Orbi Pro WiFi System.


Expand your Orbi Pro WiFi reach with Daisy Chain

Daisy chain your Orbi Pro Satellites to extend the coverage of your Orbi Pro WiFi System range. This feature allows the Satellite to dynamically pick the best way to connect to the Router. With the latest firmware update, Orbi Pro supports both daisy chain and star network topologies.



With daisy chain networking, your satellites can connect to each other or to the router, depending on which connection is best. With the addition of the Orbi Pro Outdoor satellite, daisy chain makes it even easier to expand your network outside, even if it is far from the Orbi Pro Router.



	
PRODUCT	SRK60
Features	<ul style="list-style-type: none">• Up to 80 connections with high-performance WiFi. This kit includes an Orbi Pro WiFi Router and an Orbi Pro Satellite• Fast, dedicated WiFi connection between the Orbi Pro Router and Satellite similar to a wired Ethernet connection without having to run an Ethernet cable• Innovative Tri-band WiFi helps maximize the Internet speeds available in your business• Easy setup with a single and secure WiFi network that works with your existing Internet service• Traffic separation between 3 SSIDs, one for Guest WiFi network with dedicated guest portal• Use the Orbi app or any web browser to create secure, business grade WiFi in minutes.• Advanced security options include WiFi Protected Access® (WPA/WPA2-PSK), VPN support for secure remote access, restricted access to users and websites, and more• Can be mounted to the ceiling or a wall in an instant
Tech specs	<p>Orbi AC3000 Router and AC3000 Satellite (1,733 + 866 + 400 Mbps)†</p> <ul style="list-style-type: none">• Simultaneous Tri-band WiFi• Radio 1: IEEE® 802.11b/g/n 2.4GHz-256QAM support• Radio 2: IEEE® 802.11a/n/ac 5GHz-256QAM support• Radio 3: IEEE® 802.11a/n/ac 5GHz-256QAM support• Six (6) high-performance antennas with high-power amplifiers• Implicit/Explicit Beamforming for 2.4 & 5GHz bands (1,733 + 866 + 400 Mbps)†• MU-MIMO capable for simultaneous data streaming on multiple devices• Eight (8) 10/100/1000 Mbps Gigabit Ethernet ports• 1 WAN & 3 LAN for Router• 4 LAN for Satellite
Add-ons	<ul style="list-style-type: none">• SRS60 add-on satellite• RBS50Y Outdoor Orbi Satellite• One router can support up to 3 satellites in total
Box contents	<ul style="list-style-type: none">• One (1) Orbi Pro Router (SRR60)• One (1) Orbi Pro Satellite (SRS60)• Two (2) wall mounts with screws• Two (2) ceiling mounts with screws• One (1) 2m Ethernet cable• Two (2) 12V/3.5A power adapters• Quick start guide
Compatibility	Orbi Pro Router does not support and will not pair with Orbi Home WiFi System Satellites.
Management	<ul style="list-style-type: none">• Orbi Pro can be setup through the Insight management solution, the Orbi app or the Orbi Pro web GUI. Also discover, register and monitor your Orbi Pro from anywhere with the Insight app and Insight Cloud Portal.








SIMPLY CHOOSE THE BEST WAY TO MANAGE YOUR WIRELESS NETWORK

When selecting a wireless solution, ease of setup and ease of use are often cited by end users as two key primary requirements. You have the option to select the best management mode to suit your needs, depending on the Access Point chosen.





As your organization grows, so does your wireless management needs. As needs change, you can adapt to the management platform that best suits your requirements.



Experience AC WiFi with our wireless AC Access Points. Just pick the one that fits your needs!


							
MODEL	WAC104	ORBI PRO	WAC505	WAC510	WAC720	WAC730	WAC740
Description	Dual Band 802.11ac Access Point	Wireless-AC Dual Band Wave 2 AP	Insight Managed Smart Cloud Wireless Access Point	Insight Managed Smart Cloud Wireless Access Point	Wireless-AC Dual Band Business AP	Wireless-AC Dual Band Premium AP	Wireless-AC Dual Band Wave 2 AP
Typical Deployment	High performance small and home office	Small customer wire-free deployment - Network-in-a-box	Small to Mid-size customers for ease of deployment	Small to Mid-size customers for ease of deployment	Medium enterprise, high schools with advanced Wi-Fi, hotel, mid-size hospital	Medium enterprise, high schools with advanced Wi-Fi, hotel, mid-size hospital	Mid to Large enterprise, higher education with advanced Wi-Fi, hotel, hospital
WiFi Standard	802.11ac	802.11ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac
Antennas/max throughput	2x2/1.2 Gbps	2x2/4x4 backhaul/ 3 Gbps	2x2/1.2 Gbps	2x2/1.2 Gbps	2x2/1.2 Gbps	3x3/1.7 Gbps	4x4/2.4 Gbps
Router configuration		Yes		Yes			
Management	Standalone	Standalone / Orbi app/ Insight app	Standalone Insight app	Standalone Insight app	Standalone Ensemble Business Central Controller	Standalone Ensemble Business Central Controller	Controller

Wireless Controllers

				
	Business Central™ Wireless Cloud Manager	Premium Wireless Controller	Wireless Controller	Wireless Controller
MODEL	Business Central	WC9500	WC7600v2	WC7500
Product Description	Business Central Wireless Cloud Manager	WC9500 Wireless Controller	WC7600 Wireless Controller	WC7500 Wireless Controller
Typical Deployment	Multi-sites, distributed branches, coffee shops, retail stores, small offices, managed by Managed Service Providers	Mid to large enterprise with premium Wi-Fi, colleges/universities, hotels, mid-sized healthcare	Medium enterprise with high throughput and high density Wi-Fi, K-12, hotels/motels, small hospitals	Medium enterprise with advanced Wi-Fi, K-12, small hotels/motels, small hospitals
HARDWARE				
# of Ethernet Ports		3	4	4
Speed of Ethernet Ports		2 x 1/10 Gbps 1 x 10/10/100/1000 Mbps	4 x 10/100/1000 Mbps	4 x 10/100/1000 Mbps
Physical Size		440 x 430 x 43 mm	261 x 430 x 44 mm	261 x 430 x 44 mm
SUPPORTED AP				
WND930		✓	✓	✓
WAC740		✓	✓	✓
WAC730	✓	✓	✓	✓
WAC720	✓	✓	✓	✓
11n access points (WNDAP660, 360, 350, 320, 210)	✓	✓	✓	✓
CAPACITY				
# of managed AP	Unlimited	200 per controller	50 per controller	15
Stacking		✓	✓	
# of units per stack		3	3	
MANAGEMENT				
HTTP	✓	✓	✓	✓
SNMP		✓	✓	✓
Telnet		✓	✓	✓
SSH		✓	✓	✓
FEATURES				
Central configuration	✓	✓	✓	✓
Multiple SSIDs, VLANs	✓	✓	✓	✓
Automatic RF Management	✓	Dynamic	Dynamic	Dynamic
Multi-Tenancy	✓			
Predeployment RF Planning		✓	✓	✓
Heatmap		✓	✓	✓
Self healing wireless network	✓	✓	✓	✓
Dynamic load balancing	✓	✓	✓	✓
L2 fast roaming	✓	✓	✓	✓
L3 fast roaming (seamless across subnet)		✓	✓	✓
Built-in AAA server, LDAP support	✓	✓	✓	✓
Captivel portal with guest management	✓	✓	✓	✓
ORDERING				
Warranty	Per Subscription	Lifetime	Lifetime	Lifetime
Product Ordering SKU	WM1AP1YL-10000S WM10AP1YL-10000S WM50AP1YL-10000S	WC9500-10000S WC9500-100PRS	WC7600-20000S WC7600-200PRS	WC7500-100NAS WC7500-100AUS WC7500-100PES WC7500-100UKS
5 or 10 AP License Ordering SKU	See Above	Incremental 10-AP Upgrade - WC10APL-10000S Incremental 50-AP Upgrade - WC50APL-10000S Incremental 100-AP Upgrade - WC100APL-10000S Incremental 200-AP Upgrade - WC200APL-10000S	Incremental 10-AP Upgrade WC10APL-10000S Incremental 50-AP Upgrade WC50APL-10000S	WC05APL-1000S
ProSUPPORT Maintenance PKGS				
OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0311 PMB0331 PMB0351	PMB0311 PMB0331 PMB0351	PMB0313 PMB0333 PMB0353	PMB0314 PMB0334 PMB0354

Wireless Access Points

11AC Access Points

					
	WiFi Essentials	Insight Managed Smart Cloud		Tri-Band WiFi System	Outdoor
MODEL	WAC104	WAC505	WAC510	ORBI PRO	RBS50Y
Product Description	Dual Band 802.11ac Access Point	Insight Managed Smart Cloud Access Point	AC WiFi Business AP with NETGEAR® Insight app for easy management	AC3000 Tri-band WiFi System	Orbi Outdoor Satellite
Typical Deployment	High performance small and home office	Medium and micro business sites	Small to Mid-size customers for ease of deployment	SMB businesses	Outdoor use
WIRELESS					
Standard	802.11ac	802.11ac Wave 2	802.11 a/b/g/n/ac	802.11ac Wave 2	802.11 b/g/n/a/ac
Dual Band	concurrent	concurrent	concurrent	Tri band	Tri band
2.4 GHz	✓	✓	✓	✓	✓
5 GHz	✓	✓	✓	✓	✓
TX by Rv	2 x 2 (2.4GHz)	2x2 (2.4 and 5GHz)	2 x 2	4x4, 2x2 5GHz, 2x2 2.4GHz	2x2 front haul and 4x4 backhaul
Throughput per Radio	300/867 Mbps	300/867 Mbps, (2.4/5GHz)	300/867 Mbps	1,733 + 866 + 400 Mbps, (5, 2.4GHz)	1,733 + 866 + 300 Mbps, (5, 2.4GHz)
Max # of Concurrent Clients (standalone)	128	100	200	40	
HARDWARE					
# of Ethernet Ports	4	1	2	4	0
Speed of Ethernet Ports	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	
PoE		✓	✓		
Antenna Type	External	Internal	Internal	Six (6) high-performance antennas with high-power amplifiers	Copper dipole antenna
Antenna Gain	3dBi	3/6dBi (2.4/5GHz)	3dBi (2.4GHz) 6dBi (5GHz)		3dBi
Physical Size	240 x 181 x 41 mm	175 x 165 x 35 mm (6.89 x 6.49 x 1.38 in)	197x 197 x 37 mm	174 x 85 x 247 mm (6.8 x 3.3 x 9.7 in)	8.3 x 2.7 x 10.6 in
Enclosure Material	Plastic	Plastic	Plastic	Plastic	Plastic & Metal in the back
Kensington Lock		✓	✓		
Ceiling/Wall Mounting		✓	✓	✓	Wall Mounting
Power Consumptions (W) Max	8.1W	8.9W	9W		19.21W
MANAGEMENT					
Deployment Options	Standalone	Standalone / Insight	Standalone / Insight	Standalone / Insight	Wall, desktop
FEATURES					
# of BSSIDs	1	8	8	3	3
WEP	✓	✓		✓	
WPA-PSK/TKIP	✓	✓	✓	✓	✓
WPA2-PSK/AES	✓	✓	✓	✓	✓
802.1X				✓	✓
Rogue AP Detection			✓		
WIDS/WIPS			✓		
Wireless Distribution Systems	✓	✓	✓		
Repeater		✓	✓		
Point-to-Point/Multi-Point	✓	✓	✓		
Simultaneous Bridge/Client Association	✓	✓	✓		
Captive Portal		✓	✓	✓	Works with Orbi Pro to support
VLANs		✓	✓	✓	✓
MAC ACL	✓	✓	✓	✓	✓
802.11e/WMM	✓	✓	✓	✓	✓
Rate Limiting	✓	✓	✓		
Bandwidth Management			✓		
Beamforming		✓	✓	✓	✓
Bandsteering	✓	✓	✓	✓	✓
ORDERING					
Warranty	3 years	5 years	5 years	5 years	1 year
Product Ordering SKU	WAC104-100NAS WAC104-100AUS WAC104-100PES WAC104-100UKS WAC104-100INS	WAC505-100NAS WAC505-10000S	WAC510-10000S WAC510-100NAS	SRK60-100NAS SRS60-100NAS	RBS50Y-100NAS
ProSUPPORT Maintenance PKGS					
OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0S11 PMB0S31 PMB0S51	PMB0S11 PMB0S31 PMB0S51	PMB0S12 PMB0S32 PMB0S52	PMB0311 PMB0331 PMB0351	PMB0S12 PMB0S32 PMB0S52





Wireless Access Points

11AC and 11N Access Points

	11AC Premium Wireless			11N Wireless Access Points	
					
				Outdoor	
MODEL	WAC720	WAC730	WAC740	WND930	WN370
Product Description	Wireless-AC Dual Band Business AP	Wireless-AC Dual Band Premium AP	Wireless-AC Dual Band Wave 2 AP	Dual Band High Power 802.11n Outdoor AP	Wireless-N Wall Mount Access Point
Typical Deployment	Medium enterprise, high schools with advanced WiFi, hotel, mid-size hospital	Medium enterprise, high schools with advanced WiFi, hotel, mid-size hospital	Mid to Large enterprise, higher education with advanced WiFi, hotel, hospital	Outdoor deployment for schools, hotels, and medium enterprise	Hotels, motels, school dormitories
WIRELESS					
Standard	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n	802.11 b/g/n
Single Band					✓
Dual Band	✓ (concurrent)	✓ (concurrent)	✓ (concurrent)	✓ (concurrent)	
2.4 GHz	✓	✓	✓	✓	✓
5 GHz	✓	✓	✓	✓	
TX by Rx	2 x 2	3 x 3	4 x 4	2 x 2	2 x 2
Throughput per Radio	300/867 Mbps	450/1300 Mbps	600/1700 Mbps	300/300 Mbps	300 Mbps
Max # of Concurrent Clients (standalone)	256	256		128	N/A
Max # of Concurrent Clients (managed)	128	128	128	128	64
HARDWARE					
# of Ethernet Ports	1	1	2	3	4 (LAN) + 1 (uplink) 2 (voice)
Speed of Ethernet Ports	10/100/1000 Mbps	10/100/1000 Mbps	1G/2.5G Multi-Gig Ethernet 10/100/1000 Mbps	10/100/1000 Mbps	4 x 10/100 Mbps + 1 (1G) 2 (voice)
PoE	✓	✓	✓	✓	✓
Antenna Type	Internal	Internal	Internal	Internal/External	Internal
Antenna Gain	5dBi (2.4GHz) 6dBi (5GHz)	5dBi (2.4GHz) 6dBi (5GHz)	5dBi (2.4GHz) 6dBi (5GHz)	5dBi (2.4GHz) 7dBi (5GHz)	5 dBi
Additional External Antenna Connectors	two 2.4/5GHz reverse SMA	three 2.4/5GHz reverse SMA	four 2.4/5GHz reverse SMA	two 2.4 GHz and two 5 GHz female type N	
Plenum				IP67	
Physical Size	197 x 197 x 40 mm	197 x 197 x 40 mm	197 x 197 x 40 mm	255 x 255 x 78 mm	135 x 93 x 26 mm
Enclosure Material	Plastic front - Metal Gray back	Plastic front - Metal Gray back	Plastic front - Metal White back	Plastic front - Metal back	Plastic
Kensington Lock	✓	✓	✓		
Ceiling/Wall Mounting	✓	✓	✓	✓	wall (junction box)
Power Consumptions (W) Max	11	12.9	17.9	15.2W (heater off)	5.1W
MANAGEMENT					
Deployment Options	Standalone / Ensemble / Business Central / Controller (WC7500/ WC7600/9500)	Standalone / Ensemble / Business Central / Controller (WC7500/ WC7600/9500)	Controller (WC7500/ WC7600/9500)	Standalone / Controller (WC7600/WC9500)	Controller (WC7600/9500)
Business Central Management	✓	✓		Future	Future
SNMP	✓	✓	✓	✓	✓
FEATURES					
# of BSSIDs	16	16	16	1	8
WEP	✓	✓	✓	✓	✓
WPA-PSK/TKIP	✓	✓	✓	✓	✓
WPA2-PSK/AES	✓	✓	✓	✓	✓
802.1X	✓	✓	✓		✓
Rogue AP Detection	✓	✓	✓		✓
WIDS/WIPS	✓	✓			
Wireless Distribution Systems (WDS)	✓	✓		✓	✓
Repeater	✓	✓		✓	
Point-to-Point/Multi-Point	✓	✓		✓	
Simultaneous Bridge /Client Association	✓	✓		✓	
Captive Portal	✓	✓	✓	✓	✓
VLANs	✓	✓	✓	✓	✓
MAC ACL	✓	✓	✓	✓	✓
802.11e/WMM	✓	✓	✓	✓	✓
Rate Limiting	✓	✓	✓	✓	✓
Bandwidth Management					
Beamforming	✓	✓	✓		
IPv6	✓	✓		✓	
Bandsteering	✓	✓	✓	✓	
ORDERING					
Warranty	Lifetime	Lifetime	Lifetime	2 years	Lifetime
Product Ordering SKU	WAC720-10000S WAC720-100NAS	WAC730-10000S WAC730-100NAS	WAC740-10000S WAC740-100NAS	WND930-1000S WND930-100NAS	WN370-10000S
ProSUPPORT Maintenance PKGS					
OnCall 24x7 1-year	PMB0311	PMB0311	PMB0311	PMB0311	PMB0311
OnCall 24x7 3-year	PMB0331	PMB0331	PMB0331	PMB0331	PMB0331
OnCall 24x7 5-year	PMB0351	PMB0351	PMB0351	PMB0351	PMB0351

WIRELESS LAN ANTENNAS AND CABLES

NETGEAR wireless antennas can be used in conjunction with Wireless Access Points to boost wireless signals across a building or campus. NETGEAR low-loss cables with 2 Reverse SMA Connectors extend the length between NETGEAR wireless access points or routers and the external antenna without sacrificing range. NETGEAR low-loss cables with 2 Reverse SMA Connectors extend the length between NETGEAR wireless access points or routers and the external antenna without sacrificing range.

				
MODEL	ANT24501B	ANT224D10	ANT2409	ANT2511AC
Description	NETGEAR Outdoor Dual Band Omni Antenna Bundle Kit	10dBi 2x2 indoor/outdoor directional antenna -ANT224D10	9dBi Omni-directional Antenna - ANT2409	Wireless AC Dual Band Antenna
Wireless Mode	IEEE 802.11 a/b/g/n	IEEE 802.11n	IEEE 802.11g	IEEE 802.11 a/b/g/n/ac
Typical Application	Outdoor for wireless client access	Indoor/Outdoor	Any 11n Indoor Access Point	External antenna for 700 series wireless access points
Recommended Access Point	WND930 Outdoor AP	Any 11n Indoor Access Point	WAG302, WG302, WG102, FWG114Pv2, FWG114P, and DG824M	WAC720, WAC730, WAC740
Maximum Outdoor Range	1.6 km (1 mile)	8.5 km (5.28 miles) ¹	11.5 km (7.2 miles) ²	
Frequency Range	2400 - 2500MHz 4900 - 5850MHz	2400 - 2500MHz	2400 - 2485MHz	2.4 to 2.5 GHz and 4.9 to 5.85 GHz
Gain	5dBi (2.4GHz) 7dBi (5GHz)	10dBi ³	9dBi ³	2.5dBi (2.4 GHz) and 4dBi (5 GHz)
Beam Width	Horizontal 360° Vertical 11°	Horizontal 33° Vertical 32°	Horizontal 360° Vertical 30°	Horizontal 360° Vertical 75° (2.4 GHz) and Horizontal 360° Vertical 22.5° (5 GHz)
Polarization	Linear; Vertical	Linear; Vertical	Vertical	Linear; Vertical
Operational Temperature	-20° to +60°C (-4° to 140°F)	-30° to 80°C (-22° to 176°F)	-30° to 80°C (-22° to 176°F)	-20°C to +60°C
Dimensions	215 x 22 x 11 mm (8.5 x 0.9 x 0.4 in)	240 x 240 x 40 mm (9.45 x 9.45 x 1.57 in)	625 x 75 x 56 mm (24.6 x 2.95 x 2.2 in)	185 x 36.2 x 12.7 mm (7.283 x 1.425 x 0.5 in)
Weight	.2 kg (0.4 lb)	.7 kg (1.54 lb)	.9 kg (2 lb)	0.025 kg (0.055116 lb)
Connectors	N-Plug Male	· Antenna - N Jack Male · Lightening arrestor - N Jack Male to N Jack Male · Extended Cable - N Plug Female	· Antenna - Reverse N female · Lightening arrestor - Reverse N female · Adapter - Reverse SMA	RP SMA-PlugZ (SMA Male Reverse)
Package Contents	· 2 x 2.4GHz omni directional antennas · 2 x 5GHz omni directional antennas · Installation guide	· NETGEAR Indoor/ Outdoor 10dB 2x2 Directional Antenna ANT224D10 · 2 lightning arrestors with 30 cm low-loss cables · 2 reverse N/SMA adapters · Wall mount and pole mounting hardware · Installation Guide and Warranty/ Support card	· Indoor/Outdoor 9dBi Omni-directional · Antenna - ANT2409 (cable required, sold separately) · Wall and pole mount brackets and hanging materials · One reverse N type to reverse SMA adapter · 2 m low-loss antenna cable (connection for lightning arrestor) · Lightning arrestor · Installation guide and Warranty/support card	· 1 x 2.4/5GHz omni directional antenna · Installation guide
Warranty*	2 years			
Ordering Information (all regions)	ANT24501B-10000S	ANT224D10-10000S	ANT2409-20000S	ANT2511AC-10000S

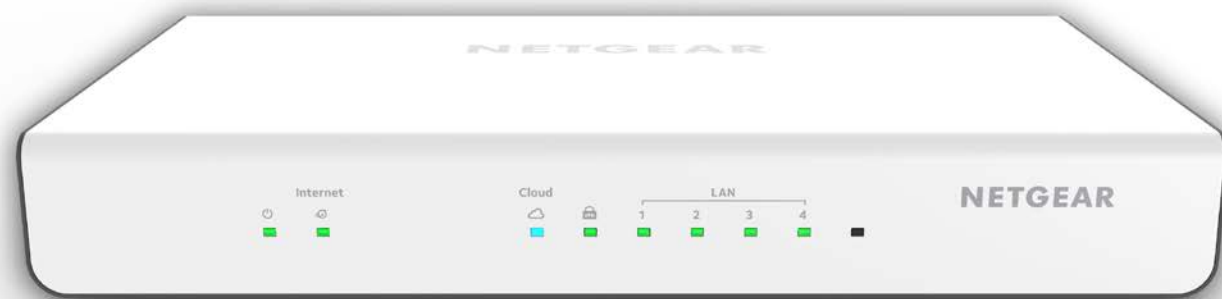
¹ Range estimation is based on FCC-compliant operation of two (2) 802.11 APs each with two (2) ANT24D18 antennas, 3 m antenna cables, and lightning arrestors installed. With the antennas positioned 26 m above the ground, data rate should sustain 1 Mbps under ideal line-of-sight conditions.

² Range estimation is based on FCC-compliant operation of two (2) 802.11 APs each with two (2) ANT2409 antennas, 1 m antenna cables, and lightning arrestors installed. With the antennas positioned 27 m above the ground, data rate should sustain 1 Mbps under ideal line-of-sight conditions.

³ Gain: A ratio of decibels to an isotropic antenna that is commonly used to measure antenna coverage.

MODEL	ACC-10314-01	ACC-10314-03	ACC-10314-04
Cable Length	1.5m (4.9ft)	5m (16.4ft)	10m (32.8ft)
Maximum Cable Loss with Connectors	1.4dB	3.7dB	7.0dB
Weight	50g (1.76oz)	225g (7.94oz)	440g (15.53oz)
Attenuation	0.21dB/ft maximum or .659dB/m maximum at 2.5GHz		
Operating Temperature	-40° to 75°C (-40° to 167°F)		
Minimum Ben Radius	26 mm (1 in)		
Connectors	Reverse SMA female (both ends)		
Package Size	450 x 280 x .12 mm (17.72 x 11.02 x .004 in)		
Warranty*	2 years		
Ordering Information (all regions)	1.5 meter cable ACC-10314-01	5 meter cable ACC-10314-03	10 meter cable ACC-10314-04

*2 years Warranties cover hardware, fans, and internal power supplies - not external power supplies or software. Warranty is only valid for the original purchaser, and modifications to product may void the warranty. See <http://www.netgear.com/about/warranty/> for details. Basic phone support for 90 days from purchase and lifetime online chat support when purchased from a NETGEAR authorized reseller.



INSIGHT INSTANT VPN ROUTER

Introducing easy Instant VPN for SMBs

Creating a VPN today



Creating a VPN with Insight



Have you ever wanted to reach the resources that you have in your office such as a file server or NAS (Network Attached Storage) while you were out on a business errand or a customer visit and found yourself stranded? Has your business grown and you have a well-established network in your main office, and want your employees in your satellite offices to access the same resources?

NETGEAR has recognized the needs of modern businesses and summarized them in the NETGEAR® Insight™ Instant VPN Router. A business-class router with Instant VPN technology, world's easiest and most user friendly way to remotely connect to your office as if you were there and never left. It has never been this easy to connect multiple offices together as if they were on one and the same network and shared all the same resources.

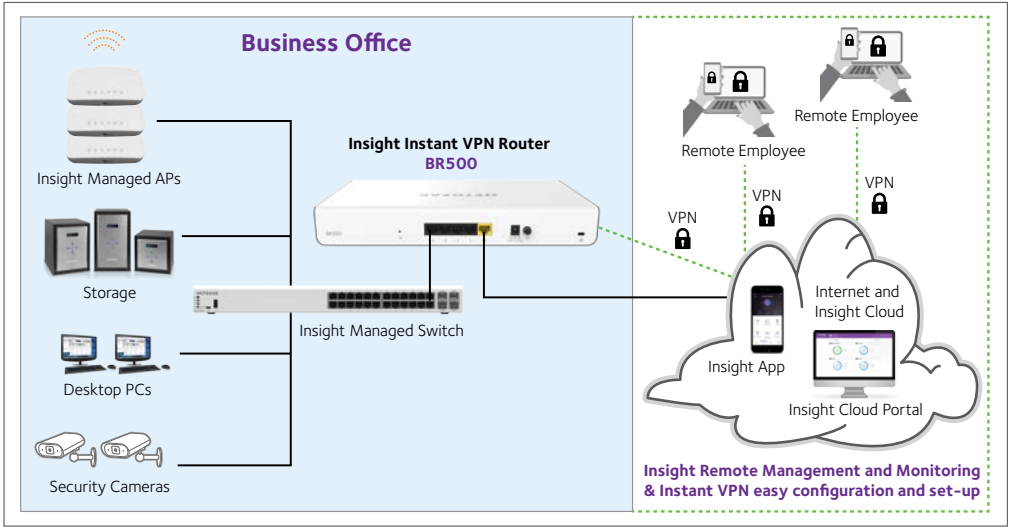
In addition to being a high performance router for small to medium-size businesses, it also offers a Stateful Packet Inspection (SPI) firewall supporting over a hundred rules to keep the bad guys out and your business safe. The VPN connections are encrypted to offer a secure link between your laptop and your office whether you're on the road, at a coffee shop, or in another country. The same is true for site-to-site connections, when you decide to connect your home, office, or several other locations that need to be interconnected.

Using NETGEAR Insight, you have visibility and access to all features from routing to VPN setup, configuration, management and monitoring all from a single pane of glass, on your phone or laptop.*

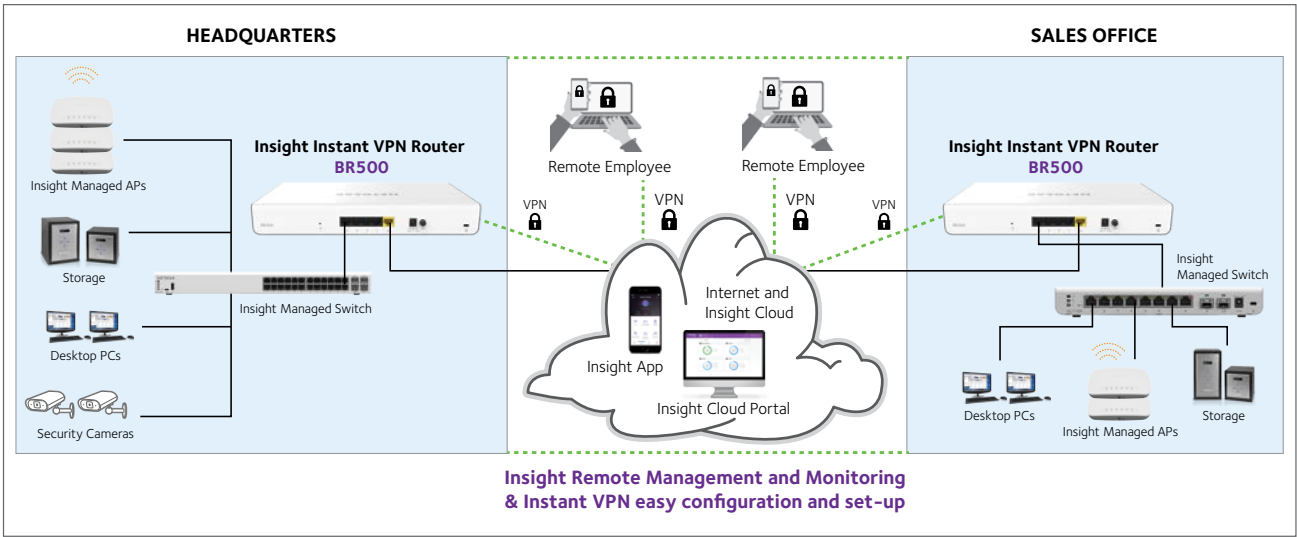
* Remote VPN subscription is included for one user. Additional Remote VPN users and/or site-to-site VPN require a paid subscription. More details at www.netgear.com/insight

SECURITY

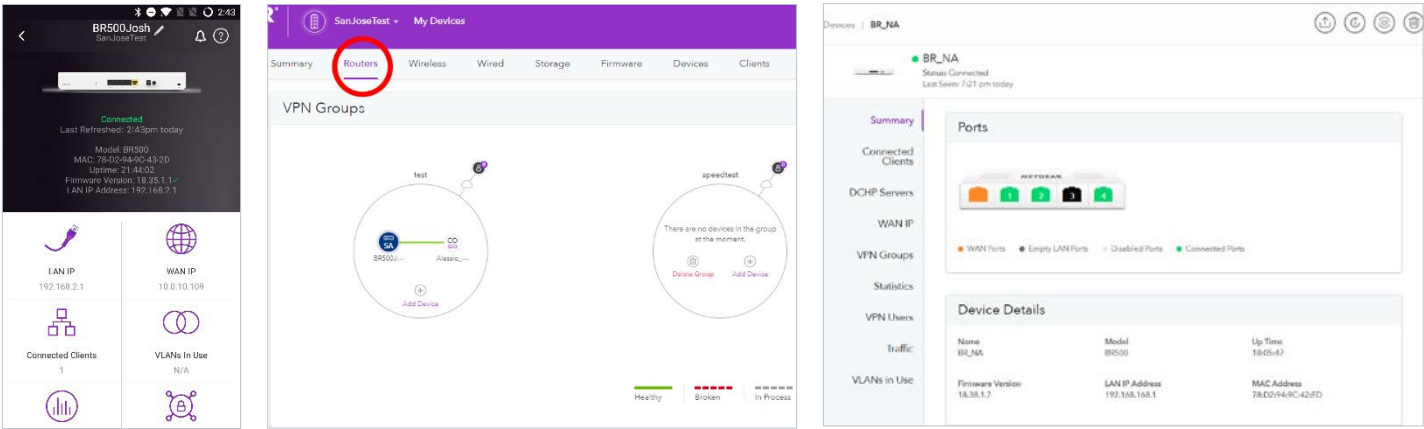
Secure Remote VPN



Site-to-Site VPN



Full monitoring and management through NETGEAR Insight app or Cloud Portal



SECURITY



MODEL	BR500	
Product Description	Insight Instant VPN Router	
Typical Deployment	High performance small to medium-size businesses	
CONNECTIVITY		
Gigabit Ports WAN/LAN	1/4	
DMZ Interfaces (Configurable)	1	
IPv6 Support	Yes	
PERFORMANCE		
LAN-to-WAN Throughput ²	924 Mbps	
Insight Instant VPN Throughput ²	60 Mbps	
Maximum Number of VLANs	256	
Insight Site to site VPN limit	3	
Insight client to site VPN limit	10 per router	
SECURITY		
Firewall Functions	Stateful Packet Inspection (SPI), Port/Service Blocking, Denial-of-service (DoS) Prevention, Stealth Mode, Block TCP Flood, Block UDP Flood, WAN/LAN Ping Response Control	
Content Filtering (HTTP Only)	Web Keyword Blocking, Trusted Domains	
User Authentication for VPN	NETGEAR Insight SSO	
VoIP SIP ALG	Yes	
NETWORKING		
ISP Address Assignment	DHCP, Static IP Assignment, PPPoE, PPTP	
NAT Modes	1-1, NAT	
Routing	Static, Dynamic, RIPv1, RIPv2	
IPv6 Support	Yes	
DHCP	DHCP Server, DHCP Relay, DNS Proxy	
DDNS	NETGEAR, No-IP.com, Dyn.com	
VLANs	802.1Q	
Essential Networking Features	Port Range Forwarding, Port Triggering, DNS proxy, MAC Address Cloning/spoofing, NTP Support, UPnP, Auto-Uplink on Switch Ports, L3 Quality of Service (QoS), LAN-to-WAN and WAN-to-LAN (ToS), Bandwidth Profiling	
VPN		
IPsec Encryption/Authentication	56-bit DES, 168-bit 3DES, AES(128, 192, 256 bit)/SHA-1, MD5	
Key Exchange	IKE, Manual Key, Pre-shared Key, PKI, X.509 v3	
IPsec NAT Traversal (VPN Passthrough)	Yes	
Access Modes	Insight remote access	
VPN Wizard	Insight VPN wizard	
SSL Version Support	SSLv3, TLS1.0	
SSL Encryption Support	DES, 3DES, ARC4, AES(ECB, CBC, XCBC, CNTR)128, 256 bit	
SSL Message Integrity	MD5, SHA-1, MAC-MD5/SHA-1, HMAC-MD5/SHA-1	
SSL Certificate Support	RSA, Diffie-Hellman, Self	
L2TP Server	Yes	
PPTP Server	Yes	
MANAGEMENT		
Management Options	Insight Cloud	
Logging	Accepted Packets, Dropped Packets, System, Source MAC filter, Session Limit, Bandwidth Limit, IPsec VPN	
Log Delivery	Insight logging	
Diagnostics	Ping, DNS Lookup, Trace Route	
Maintenance	Save/restore Configuration, Restore to Factory Defaults, Firmware Upgrades via Web Browser, Display Statistics	
HARDWARE		
Processor	Dual-core 1.7GHz CPU with additional dual-core Network Switching Subsystem (NSS) processors	
Flash Memory/RAM	128 MB/1 GB	
Major Regulatory Compliance	Environment: RoHS Safety: CE/LVD, cUL EMI: FCC Part 15 Class B, CE mark, C-Tick Class B, VCCI	
Temperatures	Operating Temperature: 0° - 45°C (32°-113° F) Storage Temperature: -20° - 70° C (-4° - 158° F)	
Humidity	Operating humidity 90% maximum relative humidity, non-condensing Storage humidity 95% maximum relative humidity, non-condensing	
Electrical Specifications	Power adapter Input localized to regions Output: DC 12V/1.5A	
Dimensions (W x D x H) cm	31.4 x 18.75 x 4.365	
Dimensions (W x D x H) in	12.36 x 7.38 x 1.72	
Weight kg/lb	1.55/3.41	
System Requirements	Cable or DSL Broadband Modem, Internet Service, Windows/OSX/Linux/iOS/Android Client Device, Internet Explorer/Firefox/Chrome/Safari Web Browser	
WARRANTY		
Hardware Warranty*	5 years	
Technical Support*	90 days	
Next Business Day Replacement	5 years	
ORDERING		
Package Contents	Includes 1 Insight Instant VPN Router(BR500) or Includes 2 Insight Instant VPNRouters (BRK500) Ethernet cable, Install guide. Warranty card	
Product Ordering SKU	Single BR500-100NAS BR500-100UKS BR500-100PES BR500-100JPS BR500-100AUS Kit of Two Units BRK500-100NAS BRK500-100UKS BRK500-100PES BRK500-100JPS BRK500-100AUS	
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0311 PMB0331 PMB0351

GET THE MOST SECURE NETWORK STORAGE AND BACKUP WITH READYNAS

NETGEAR® ReadyNAS® This is a data based economy. Most companies utilize data for different aspects of their business. Without an exception, data backup is part of any operational plan and every business continuity plan. If you are looking for a data backup solution, ReadyNAS is the leader in the industry for SMBs - limited budget, but highly scalable with enterprise class reliability and security.

Your data. Your Business. Protected.

Most secure network storage & back up

- Hybrid backup (on premises + Cloud) with automatic data backup to ReadyNAS and to public Cloud - Amazon AWS Cloud, Dropbox, Google Drive, OneDrive, Azure
- Disaster Recovery - Automatic and incremental, block level backup to a secondary ReadyNAS
- Guard against ransomware based on Snapshot technology
- 5 levels of data protection against mechanical, physical, virus, malware, human, full system
- Better data robustness, repair, data protection, full journaling for data repair

Highest performance & access speed

- Fast access to data, more simultaneous users, faster encryption processing for higher security, higher workload virtualization thanks to latest and fastest Intel processor technology
- 10 GbE connectivity is more than half of the ReadyNAS models
- ReadyNAS software uses Linux 4 kernel that offers security enhancements & better performance
- Plex streaming - Multi-core processor with Full HD transcoding (ideal use for 200 and 420 desktop series)



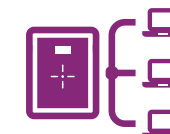
Cloud backup to Amazon, Dropbox, OneDrive, Google Drive, Azure



Monitor and manage your ReadyNAS from the palm of your hand through the NETGEAR Insight app (all except ReadyNAS 100 series)



Best protection against ransomware with Industry's only block level hourly configurable Snapshot technology



High-end desktop ReadyNAS and rackmount NAS are optimized for virtualized environments with VMWare







STORAGE






Just pick the one that’s best for you!

DESKTOP




				
SERIES NUMBER	210 SERIES	420 SERIES	520 SERIES	620 SERIES
Description	Media Storage Hub for the Home Office	High-performance Business Storage	Premium Performance Business Storage	Ultimate Performance Business Storage
Typical Deployment	SOHO	SMB	Medium offices, creative professionals	Large offices, creative professionals
Number of users	Up to 12	Up to 40	Up to 80	Up to 120
Number of bays	2 or 4 Bays	2, 4, 6 or 8 Bays	4, 6 or 8 Bays	6 or 8 Bays
Connectivity	1Gb	1Gb	10Gb	10 Gb
Management	Web management for all models and/or NETGEAR Insight app management for OS 6.6 and above	Web management for all models and/or NETGEAR Insight app management for OS 6.6 and above	Web management for all models and/or NETGEAR Insight app management for OS 6.6 and above	Web management for all models and/or NETGEAR Insight app management for OS 6.6 and above

RACKMOUNT

			
SERIES NUMBER	2000 SERIES	3000 SERIES	4000 SERIES
Description	High-performance Rackmount storage	Premium performance Rackmount storage	Ultimate performance Rackmount Storage
Typical Deployment	Small office	Medium Office	Large Office
Number of users	Up to 40	Up to 120	Up to 160
Number of bays	4 or 12 Bays	4 or 12 Bay	12 or 60 Bays
Connectivity	1Gb	1Gb	10Gb (Copper or Fiber)
Management	Web management for all models and/or NETGEAR Insight app management for OS 6.6 and above	Web management for all models and/or NETGEAR Insight app management for OS 6.6 and above	Web management for all models and/or NETGEAR Insight app management for OS 6.6 and above

ReadyNAS

Desktop

				
	ReadyNAS 212	ReadyNAS 214	ReadyNAS 422	ReadyNAS 424
Product Description	2-Bay Desktop	4-Bay Desktop	2-Bay Desktop	4-Bay Desktop
Internal Capacity	20TB	40TB	20TB	40TB
File Protocols	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV
Block Protocols	iSCSI	iSCSI	iSCSI	iSCSI
File System	BTRFS	BTRFS	BTRFS	BTRFS
Supported Drive Types	Desktop SATA	Desktop	Desktop/Enterprise SATA	Desktop/Enterprise SATA
Gigabit Ethernet Ports	2	2	2	2
10G Ethernet Port	0	0	0	0
Supports EDA500 Expansion Chassis	No	No		
Reliability Features	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover
CPU	Marvell Annapurna AL212 Quad Core 1.4GHz High Performance ARM Cortex A15	Marvell Annapurna AL212 Quad Core 1.4GHz High Performance ARM Cortex A15	Intel Atom C3338 Dual Core	Intel Atom C3338 Dual Core
Memory	2GB	2GB	2GB DDR4	2GB DDR4
RAID Level Supported	RAID 0,1	RAID 0,1,5,6,10	RAID 0,1	RAID 0,1,5,6,10
Auto Volume Expansion	XRAID2	XRAID2	XRAID2	XRAID2
Unique Features	<div>Most versatile and secure remote access:<ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN</div> <div>5-levels of data protection<ul style="list-style-type: none">· XRAID and/or Flex-RAID (model dependent)· Protection of data with performance-neutral snapshots· Protection against silent data corruption ("Bitrot")· Real-time anti-virus· Integrated, web-managed replication to the cloud</div> <div>ReadyDR - Disaster Recovery Solution<ul style="list-style-type: none">· Incremental backup to another ReadyNAS· Easy recovery of full data set</div>	<div>Most versatile and secure remote access:<ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN</div> <div>5-levels of data protection<ul style="list-style-type: none">· XRAID and/or Flex-RAID (model dependent)· Protection of data with performance-neutral snapshots· Protection against silent data corruption ("Bitrot")· Real-time anti-virus· Integrated, web-managed replication to the cloud</div> <div>ReadyDR - Disaster Recovery Solution<ul style="list-style-type: none">· Incremental backup to another ReadyNAS· Easy recovery of full data set</div>	<div>Most versatile and secure remote access:<ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN</div> <div>5-levels of data protection<ul style="list-style-type: none">· XRAID and/or Flex-RAID (model dependent)· Protection of data with performance-neutral snapshots· Protection against silent data corruption ("Bitrot")· Real-time anti-virus· Integrated, web-managed replication to the cloud</div> <div>ReadyDR - Disaster Recovery Solution<ul style="list-style-type: none">· Incremental backup to another ReadyNAS· Easy recovery of full data set</div>	<div>Most versatile and secure remote access:<ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN</div> <div>5-levels of data protection<ul style="list-style-type: none">· XRAID and/or Flex-RAID (model dependent)· Protection of data with performance-neutral snapshots· Protection against silent data corruption ("Bitrot")· Real-time anti-virus· Integrated, web-managed replication to the cloud</div> <div>ReadyDR - Disaster Recovery Solution<ul style="list-style-type: none">· Incremental backup to another ReadyNAS· Easy recovery of full data sett</div>
Onboard Backup Options	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine
VMware Ready	No	No	Yes	Yes
ReadyDR for Disaster Recovery	No	No	Yes	Yes
Warranty (System)	3 year standard warranty	3 year standard warranty	5 year standard warranty	5 year standard warranty
Optimal Number of User Support	1 ~ 20	1~20	1~40	1~40
System SKUs	RN21200 RN21221D RN2122D	RN21400 RN2121D RN21442D	RN42200 RN422D2 RN422D4 RN422D6 RN422E4 RN422E6	RN42400 RN424D2 RN424D4 RN424D6 RN424E4 RN424E6
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0312 PMB0332 PMB0352	PMB0312 PMB0332 PMB0352	PMB0312 PMB0332 PMB0352

ReadyNAS

Desktop



	ReadyNAS 426	ReadyNAS 428	ReadyNAS 524X	ReadyNAS 526X
Product Description	6-Bay Desktop	8-Bay Desktop	8-Bay Desktop	6-Bay Desktop
Internal Capacity	60 TB	80 TB	40TB	60TB
File Protocols	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV
Block Protocols	iSCSI	iSCSI	iSCSI	iSCSI
File System	BTRFS	BTRFS	BTRFS	BTRFS
Supported Drive Types	Desktop/Enterprise SATA	Desktop/Enterprise SATA	Desktop/Enterprise SATA	Desktop/Enterprise SATA
Gigabit Ethernet Ports	2	2	0	0
1G Ethernet Port			1	
10G Ethernet Port	0	0	1	2 (10GBaseT)
Supports EDA500 Expansion Chassis			Yes. Not Recommended for High Performance Applications	Yes. Not Recommended for High Performance Applications
Reliability Features	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover ECC Memory	Hot Swappable Disks Network Failover ECC Memory
CPU	Intel Atom C3538 Dual Core	Intel Atom C3538 Dual Core	Intel Server Processor D-1508 Dual Core 2.2GHz	Intel Server Processor D-1508 Dual Core 2.2GHz
Memory	4GB DDR4	4GB DDR4	4GB DDR4 with ECC	4GB DDR4 with ECC
RAID Level Supported	RAID 0,1,5,6,10, 50, 60	RAID 0,1,5,6,10, 50, 60	RAID 0,1,5,6,10	RAID 0,1,5,6,10, 50, 60
Auto Volume Expansion	X-RAID2	X-RAID2	XRAID2	XRAID2
Unique Features	<div>Most versatile and secure remote access:<ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN</div> <div>5 Levels of data protection:<ul style="list-style-type: none">· XRAID· Hourly protection of data with performance-neutral snapshots· Real-Time Antivirus· Protection against silent data corruption ("Bitrot")· Integrated, web-managed replication for disaster recovery or ReadyNAS Vault / backup to the cloud</div> <div>ReadyDR - Disaster Recovery Solution<ul style="list-style-type: none">· Incremental backup to another ReadyNAS· Easy recovery of full data set</div>	<div>Most versatile and secure remote access:<ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN</div> <div>5 Levels of data protection:<ul style="list-style-type: none">· XRAID· Hourly protection of data with performance-neutral snapshots· Real-Time Antivirus· Protection against silent data corruption ("Bitrot")· Integrated, web-managed replication for disaster recovery or ReadyNAS Vault / backup to the cloud</div> <div>ReadyDR - Disaster Recovery Solution<ul style="list-style-type: none">· Incremental backup to another ReadyNAS· Easy recovery of full data set</div>	<div>Most versatile and secure remote access:<ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN</div> <div>5-levels of data protection<ul style="list-style-type: none">· XRAID and/or Flex-RAID (model dependent)· Protection of data with performance-neutral snapshots· Protection against silent data corruption ("Bitrot")· Real-time anti-virus· Integrated, web-managed replication to the cloud</div> <div>ReadyDR - Disaster Recovery Solution<ul style="list-style-type: none">· Incremental backup to another ReadyNAS· Easy recovery of full data set</div>	<div>Most versatile and secure remote access:<ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN· ReadyNAS Backup</div> <div>5-levels of data protection<ul style="list-style-type: none">· XRAID and/or Flex-RAID (model dependent)· Protection of data with performance-neutral snapshots· Protection against silent data corruption ("Bitrot")· Real-time anti-virus· Integrated, web-managed replication to the cloud</div> <div>ReadyDR - Disaster Recovery Solution<ul style="list-style-type: none">· Incremental backup to another ReadyNAS· Easy recovery of full data set</div>
Onboard Backup Options	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine
VMware Ready	Yes	Yes	Yes	Yes
ReadyDR for Disaster Recovery	Yes	Yes	Yes	Yes
Warranty (System)	5 year standard warranty	5 year standard warranty	5 year standard warranty	5 year standard warranty
Optimal Number of User Support	1~40	1~40	20-80	20-80
System SKUs	RN42600 RN426D2 RN426D4 RN426D6 RN426E4 RN426E6	RN42800 RN428E4 RN428E6	RN524X00 RN524XD2 RN524XD4 RN524XD6 RN524XE3 RN524XE4 RN524XE6	RN526X00 RN526XD3 RN526XD4 RN526XD6 RN526XE3 RN526XE4 RN526XE6
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0313 PMB0333 PMB0353	PMB0313 PMB0333 PMB0353	PMB0313 PMB0333 PMB0353

*RAID 50 and RAID 60 are available with OS6.7 and above

ReadyNAS

Desktop







	ReadyNAS 528X	ReadyNAS 626X	ReadyNAS 628X
Product Description	8-Bay Desktop	6-Bay Desktop	8-Bay Desktop
Internal Capacity	80TB	60TB	80TB
File Protocols	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV
Block Protocols	iSCSI	iSCSI	iSCSI
File System	BTRFS	BTRFS	BTRFS
Supported Drive Types	Desktop/Enterprise SATA	Desktop/Enterprise SATA	Desktop/Enterprise SATA
Gigabit Ethernet Ports	0	2	2
10G Ethernet Port	2	2	2
Supports EDA500 Expansion Chassis	Yes. Not Recommended for High Performance Applications	Yes. Not Recommended for High Performance Applications	Yes. Not Recommended for High Performance Applications
Reliability Features	Hot Swappable Disks Network Failover ECC Memory	Hot Swappable Disks Network Failover ECC Memory	Hot Swappable Disks Network Failover ECC Memory
CPU	Intel Server Processor D-1508 Dual Core 2.2GHz	Intel Xeon Server Processor D-1521 Quad Core 2.4GHz	Intel Xeon Server Processor D-1521 Quad Core 2.4GHz
Memory	4GB DDR4 with ECC	8GByte DDR4 with ECC	8GByte DDR4 with ECC
RAID Level Supported	RAID 0,1,5,6,10, 50, 61	RAID 0,1,5,6,10, 50, 60	RAID 0,1,5,6,10, 50, 60
Auto Volume Expansion	XRAID2	XRAID2	XRAID2
Unique Features	<div>Most versatile and secure remote access:<ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN· ReadyNAS Backup</div> <div>5-levels of data protection<ul style="list-style-type: none">· XRAID and/or Flex-RAID (model dependent)· Protection of data with performance-neutral snapshots· Protection against silent data corruption ("Bitrot")· Real-time anti-virus· Integrated, web-managed replication to the cloud</div> <div>ReadyDR - Disaster Recovery Solution<ul style="list-style-type: none">· Incremental backup to another ReadyNAS· Easy recovery of full data set</div>	<div>Most versatile and secure remote access:<ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN· ReadyNAS Backup</div> <div>5-levels of data protection<ul style="list-style-type: none">· XRAID and/or Flex-RAID (model dependent)· Protection of data with performance-neutral snapshots· Protection against silent data corruption ("Bitrot")· Real-time anti-virus· Integrated, web-managed replication to the cloud</div> <div>ReadyDR - Disaster Recovery Solution<ul style="list-style-type: none">· Incremental backup to another ReadyNAS· Easy recovery of full data set</div>	<div>Most versatile and secure remote access:<ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN· ReadyNAS Backup</div> <div>5-levels of data protection<ul style="list-style-type: none">· XRAID and/or Flex-RAID (model dependent)· Protection of data with performance-neutral snapshots· Protection against silent data corruption ("Bitrot")· Real-time anti-virus· Integrated, web-managed replication to the cloud</div> <div>ReadyDR - Disaster Recovery Solution<ul style="list-style-type: none">· Incremental backup to another ReadyNAS· Easy recovery of full data set</div>
Onboard Backup Options	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine
VMware Ready	Yes	Yes	Yes
ReadyDR for Disaster Recovery	Yes	Yes	Yes
Warranty (System)	5 year standard warranty	5 year standard warranty	5 year standard warranty
Optimal Number of User Support	20-80	40-120	40-120
System SKUs	RN528X00 RN528XE3 RN528XE4 RN528XE6	RN626X00 RN626XE3 RN626XE4 RN626XE6	RN628X00 RN628XE3 RN628XE4 RN628XE6
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0313 PMB0333 PMB0353	PMB0313 PMB0333 PMB0353

*RAID 50 and RAID 60 are available with OS6.7 and above

ReadyNAS





Rackmount

				
	ReadyNAS 2304	ReadyNAS 2312	ReadyNAS 3138	ReadyNAS 3312
Product Description	1U Rackmount, 4-Bays	1U Rackmount, 12-Bays	1U Rackmount, 4-Bays	2U Rackmount, 12-Bays
Total Solution Capacity Internal/with Expansion	40TB / N.A.	120TB/N.A.	40TB/N.A.	120TB/600TB
File Protocols	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV
Block Protocols	iSCSI	iSCSI	iSCSI	iSCSI
File System	BTRFS	BTRFS	BTRFS	BTRFS
Supported HDD Types	Desktop/Enterprise SATA	Desktop/Enterprise SATA	Desktop/Enterprise SATA	Enterprise SATA
Gigabit Ethernet Ports	2	4	4	4
10G Ethernet Port	0	0	0	0
Reliability Features	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover
CPU	Intel Celeron dual core 2.0GHz processor	Intel Atom Quad Core C3538 2.1GHz with QuickAssist	Intel AtomC2558 Dual Core 2.4GHz Quad Core Processor	Intel Xeon E3-1225v5 3.3GHz Quad Core
Memory	2GB DDR3	2GB DDR4	4GB DDR3 ECC	8GB DDR4 ECC
Expandable Memory	0	No	0	64GByte DDR4
RAID Level Supported	RAID 0,1,5,6,11	RAID 0,1,5,6,10,50,60	RAID 0,1,5,6,10	RAID 0,1,5,6,10,50,60*
Auto Volume Expansion	XRAID3	XRAID2	XRAID2	XRAID2
Unique Features	5 Levels of data protection: <ul style="list-style-type: none">· X RAID· Hourly protection of data with performance-neutral snapshots· Protection against silent data corruption("Bitrot")· Real-time anti-virus· Integrated, web-managed replication for disaster recovery and backup to the cloud ReadyDR for disaster recovery Most versatile and secure remote access: <ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN Performance Storage for backup	5 Levels of data protection: <ul style="list-style-type: none">· X RAID· Hourly protection of data with performance-neutral snapshots· Protection against silent data corruption("Bitrot")· Real-time anti-virus· Integrated, web-managed replication for disaster recovery and backup to the cloud ReadyDR for disaster recovery Most versatile and secure remote access: <ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN Performance Storage for backup	5-levels of data protection <ul style="list-style-type: none">· XRAID and/or Flex-RAID (model dependent)· Protection of data with performance-neutral snapshots· Protection against silent data corruption ("Bitrot")· Real-time anti-virus· Integrated, web-managed replication to the cloud ReadyDR for disaster recovery Most versatile and secure remote access: <ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN High performance Storage for backup Collaboration for work group	5-levels of data protection <ul style="list-style-type: none">· XRAID and/or Flex-RAID (model dependent)· Protection of data with performance-neutral snapshots· Protection against silent data corruption ("Bitrot")· Real-time anti-virus· Integrated, web-managed replication to the cloud ReadyDR for disaster recovery Most versatile and secure remote access: <ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN Superior performance Large internal capacity Optional Highspeed SAS for expansion chassis Storage for backup Collaboration for work group
Onboard Backup Options	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine
VMware Ready	Yes	Yes	Yes	Yes
Warranty (System)	5 year warranty with NBD HW replacement	5 year warranty with NBD HW replacement	5 year warranty with NBD HW replacement	5 year warranty with NBD HW replacement
Optimal Number of User Support	1-30	40-80 Users	1-40	20-120
System SKUs	RR230400 RR2304E4 RR2304E6	RR2312 RR2312G4 RR2312G6 RR2312H8 RR231200	RN3138 RN31842D RN31842E RN31843D RN31843E RN31844E RN31342E	RR331200 RR3312G2 RR3312G3 RR3312G4 RR3312G6
Support for: EDA 4000 – 24-Bay/EDA 2000 – 12-Bay Expansion	No	No	No	Yes
ProSUPPORT Maintenance PKGS				
OnCall 24x7 1-year	PMB0312	PMB0313	PMB0313	PMB0314
OnCall 24x7 3-year	PMB0332	PMB0333	PMB0333	PMB0334
OnCall 24x7 5-year	PMB0352	PMB0352	PMB0352	PMB0354

*RAID 50 and RAID 60 are available with OS6.7 and above

ReadyNAS

Rackmount

				
	ReadyNAS 4312S	ReadyNAS 4312X	ReadyNAS 4360S	ReadyNAS 4360X
Product Description	2U Rackmount, 12-Bays	2U Rackmount, 12-Bays	4U Rackmount, 60-Bays	4U Rackmount, 60-Bays
Total Solution Capacity Internal / with Expansion	120TB/600TB	120TB/600TB	600TB/1.320 PB	600TB/1.320 PB
File Protocols	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV
Block Protocols	iSCSI	iSCSI	iSCSI	iSCSI
File System	BTRFS	BTRFS	BTRFS	BTRFS
Supported HDD Types	Enterprise SATA	Enterprise SATA	SAS or SATAIII Enterprise	SAS or SATAIII Enterprise
Gigabit Ethernet Ports	4	4	4	4
10G Ethernet Port	2 (SFP+)	2 (10GBaseT)	2 (SFP+)	2 (10GBaseT)
Reliability Features	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover
CPU	Intel Xeon E3-1245V5 3.5GHz Quad Core Hyper Thread	Intel Xeon E3-1245V5 3.5GHz Quad Core Hyper Thread	Intel Xeon E3-1225V5 3.3GHz Quad Core	Intel Xeon E3-1225V5 3.3GHz Quad Core
Memory	16GB DDR4 ECC	16GB DDR4 ECC	16GB DDR4 ECC	16GB DDR4 ECC
Expandable Memory	64GByte DDR4	64GByte DDR4	64GByte DDR4	64GByte DDR4
RAID Level Supported	RAID 0,1,5,6,10,50,60*	RAID 0,1,5,6,10,50,60*	RAID 0,1,5,6,10,50,60*	RAID 0,1,5,6,10,50,60*
Auto Volume Expansion	N/A	XRAID2	N/A	N/A
Unique Features	5-levels of data protection <ul style="list-style-type: none">· XRAID and/or Flex-RAID (model dependent)· Protection of data with performance-neutral snapshots· Protection against silent data corruption ("Bitrot")· Real-time anti-virus· Integrated, web-managed replication to the cloud ReadyDR - Disaster Recovery Solution <ul style="list-style-type: none">· Incremental backup to another ReadyNAS· Easy recovery of full data set Most versatile and secure remote access: <ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN Ultimate performance with 10GbE fiber module built-in Large internal capacity Highspeed SAS for expansion chassis Storage for backup Collaboration for large work group Optional highspeed SAS for Expansion Chassis	5-levels of data protection <ul style="list-style-type: none">· XRAID and/or Flex-RAID (model dependent)· Protection of data with performance-neutral snapshots· Protection against silent data corruption ("Bitrot")· Real-time anti-virus· Integrated, web-managed replication to the cloud ReadyDR - Disaster Recovery Solution <ul style="list-style-type: none">· Incremental backup to another ReadyNAS· Easy recovery of full data set Most versatile and secure remote access: <ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN Ultimate performance with 10GbE Ethernet module built-in Large internal capacity Highspeed SAS for expansion chassis Storage for backup Collaboration for large work group Optional highspeed SAS for Expansion Chassis	5-levels of data protection <ul style="list-style-type: none">· XRAID and/or Flex-RAID (model dependent)· Protection of data with performance-neutral snapshots· Protection against silent data corruption ("Bitrot")· Real-time anti-virus· Integrated, web-managed replication to the cloud ReadyDR - Disaster Recovery Solution <ul style="list-style-type: none">· Incremental backup to another ReadyNAS· Easy recovery of full data set Most versatile and secure remote access: <ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN Ultimate performance with 10GbE Ethernet module built-in Large internal capacity Highspeed SAS for expansion chassis Storage for backup Collaboration for large work group Optional highspeed SAS for Expansion Chassis	5-levels of data protection <ul style="list-style-type: none">· XRAID and/or Flex-RAID (model dependent)· Protection of data with performance-neutral snapshots· Protection against silent data corruption ("Bitrot")· Real-time anti-virus· Integrated, web-managed replication to the cloud ReadyDR - Disaster Recovery Solution <ul style="list-style-type: none">· Incremental backup to another ReadyNAS· Easy recovery of full data set Most versatile and secure remote access: <ul style="list-style-type: none">· ReadyCLOUD Collaboration, Sync & Backup· ReadyCLOUD automated VPN Ultimate performance with 10GbE Ethernet module built-in Large internal capacity Highspeed SAS for expansion chassis Storage for backup Collaboration for large work group Optional highspeed SAS for Expansion Chassis
Onboard Backup Options	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine
VMware Ready	Yes	Yes	Yes	Yes
Warranty (System)	5 year warranty with NBD HW replacement	5 year warranty with NBD HW replacement	5 year warranty with NBD HW replacement	5 year warranty with NBD HW replacement
Optimal Number of User Support	80-160	80-160	40-160	40-160
System SKUs	RR4312S0 RR4312S3 RR4312S4 RR4312S6	RR4312X0 RR4312X3 RR4312X4 RR4312X6	RR4360S00	RR4360X00
Support for: EDA 4000 – 24-Bay/EDA 2000 – 12-Bay Expansion	Yes	Yes	Yes Expansion HBA included.	Yes Expansion HBA included.
ProSUPPORT Maintenance PKGS				
OnCall 24x7 1-year	PMB0314	PMB0314	PMB0314	PMB0314
OnCall 24x7 3-year	PMB0334	PMB0334	PMB0334	PMB0334
OnCall 24x7 5-year	PMB0354	PMB0354	PMB0354	PMB0354

*RAID 50 and RAID 60 are available with OS6.7 and above

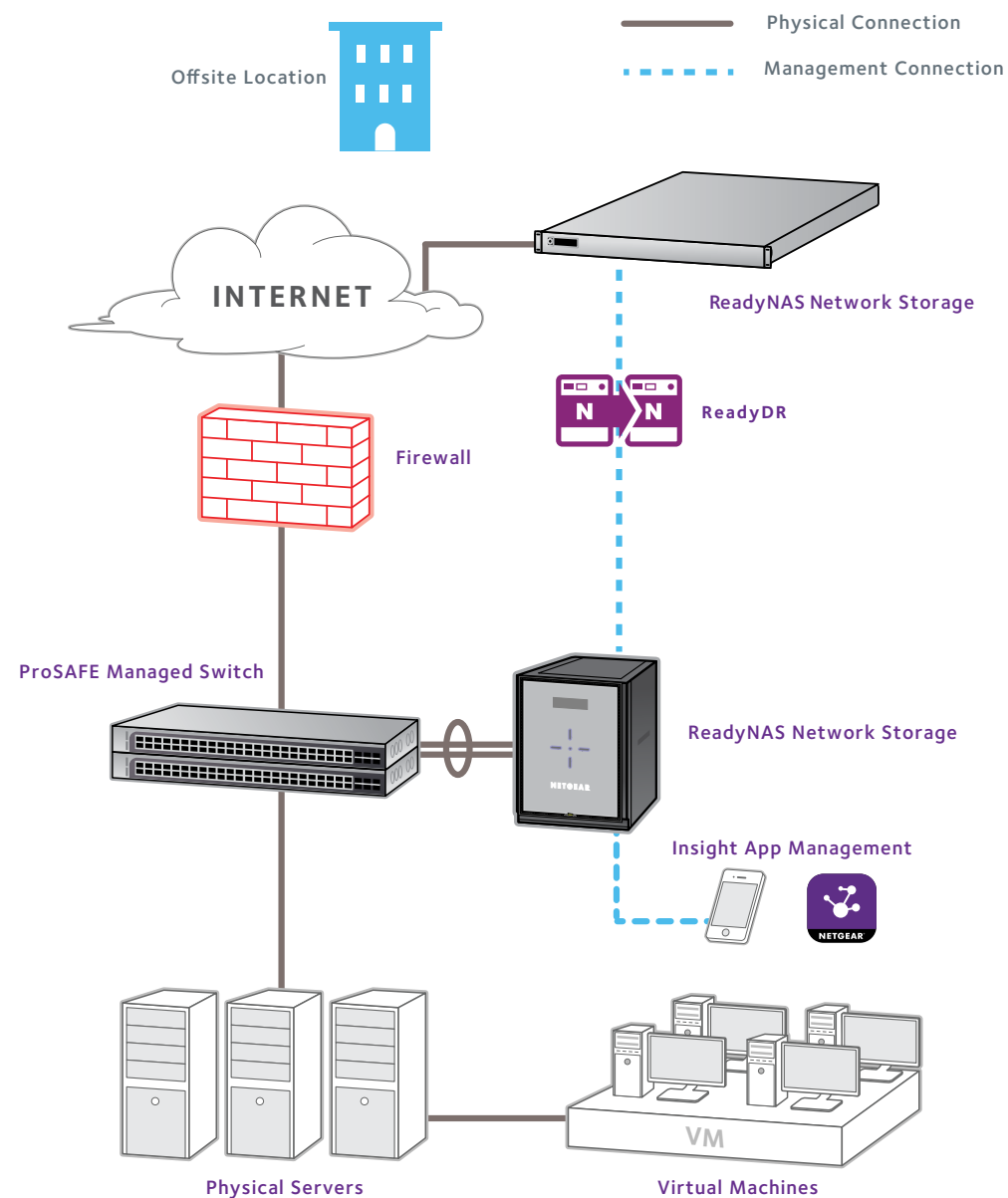
Midmarket Solutions

Backup to Disk

Tape based storage solutions are slow to store data, and slow to recover data that's been stored previously. Across the IT landscape, disk storage has steadily replaced tape, as hard-drive capacity grows and prices drop. As disk emerges as the leader in both price and performance, it's time for small and midsize businesses to take advantage of the reliability, performance, and economy of disk-based backup and recovery.

NETGEAR products can help you build solutions like:

- Backups that are significantly more reliable than tape alternatives
- Storage with greater starting capacity and the ability to expand on the fly
- Easy and consistent backup process with virtually no learning curve
- Systems optimized for supporting virtualized environments
- Automated backups that require little ongoing management



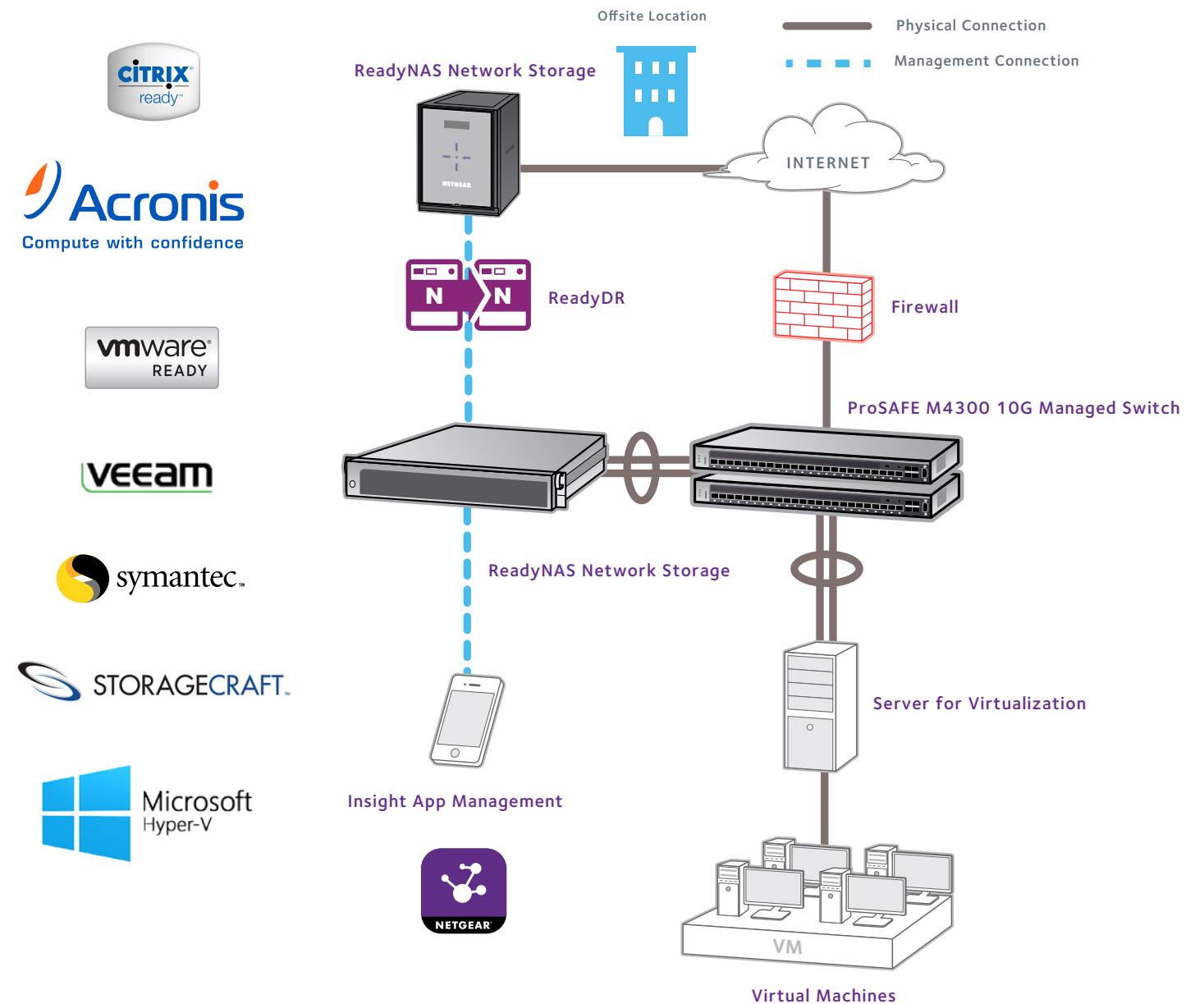
Midmarket Solutions

Virtualization

Gartner reports that midmarket adoption for virtualization is growing even faster than expected. Smart virtualization projects can make applications more reliable, leverage existing networks and don't have to cost a fortune.

NETGEAR products can help you build solutions like:

- Primary shared storage platforms in small or remote offices
- Secondary storage for backup and replication in existing virtualization environments
- 10-Gigabit connectivity with managed or smart switches, stacked for reliability
- Securing physical and virtual machines from network threats
- Next Business Day Service and extended warranties covering all infrastructure components



LTE MOBILE DEVICES FOR INSTANT CONNECTIVITY ANYWHERE



GIGABIT CLASS IN MOBILE BROADBAND

Media streaming
Data offloading
Connect up to 20 devices

LTE MOBILE



RELIABLE INTERNET ON-THE-GO

Secure internet connection
Long-lasting battery
Connect multiple devices



ALWAYS-ON BROADBAND CONNECTION

Fail-safe connectivity solutions
Ideal for remote locations
Easy Installation

SECURITY AND CONNECTIVITY FOR YOUR BUSINESS



Mobile Routers

Nighthawk® Mobile Routers deliver gigabit 4G LTE speeds, enabling mobile businesses to efficiently operating anywhere, regardless of whether it is at a temporary or permanent location.

- Activate instant Internet connectivity for any WiFi device in temporary or mobile stores
- Utilize waiting time efficiently while in-transit
- Download or upload information for file sharing or collaboration
- Maintain data security and employee usage accountability, avoiding the risk of using unprotected public WiFi



Hotspots

NETGEAR Mobile Hotspots are secure and easy to use, making them the ideal work companions that let you connect multiple WiFi devices to the Internet anywhere mobile coverage is available. NETGEAR AirCard mobile hotspots let you be productive anywhere you need to be.

- 2930mAh battery that lasts up to 11 hours of continuous use
- Block unwanted devices or turn on a secure Guest Wi-Fi to safely share Internet access for temporary use among your teams, clients or guests
- Get instant Wi-Fi connection where you want, when you want



LTE Modems

The NETGEAR 4G LTE Modems provide instant 4G LTE connectivity for all your devices and equipment in temporary worksites, or can act as a backup to your primary broadband network for avoiding service disruptions when your fixed wireline connection goes down.

- LTE connectivity for business' needs
- Interim solution to fixed line service
- Last-mile connection
- Retail locations with payment processing
- Premise security & monitoring
- Temporary offices such as construction sites
- Enterprise server room



SUPPORT

ProSUPPORT for Business

COMPREHENSIVE SUPPORT PLANS FOR MAXIMUM NETWORK UPTIME AND BUSINESS PEACE OF MIND

- 24/7 live technical support and consultation
- Direct, scheduled access to product experts to help in configuration
- Extended HW/SW Warranty coverage with NBD parts replacement

More Than Just Support — A Business Partnership

The NETGEAR ProSUPPORT for Business offerings provide you with peace of mind by extending and enhancing the standard warranty or support coverage included with your product purchase. With ProSUPPORT, you get 24/7 direct access to NETGEAR technical support engineers who can rapidly resolve technical issues both big and small. Connect with the people that have built your products and build the relationship that will contribute to your business success.

OnCall 24x7 Tech Support

NETGEAR extends your initial 90-day technical support with the OnCall 24x7 Tech Support package. OnCall 24x7 services are conducted by phone, chat and email, to solve any of your technical challenges. In addition, NETGEAR will proactively send you alerts about any newly released firmware updates to make sure that you are able to plan in advance, download and upgrade at your earliest convenience.

Professional Configuration and Setup Assistance

Schedule an appointment for a live consultation by an expert to configure, set up or re-configure your device. This allows you the quickest time to deployment, optimizes accuracy in product deployment, minimizes downtime and maximizes the performance of the device.

Extended Warranty with Next Business Day Replacement

Once your warranty expires, ProSUPPORT for Business provides you with an extended warranty ensuring that if you have any issues with your device, it will be replaced by the same (or a newer) device. Next Business Day product replacement is also included to ensure that your business is back up and running in the shortest time.

Zero Cost				Premium	
	Warranty Hardware & Software	90-day FREE Technical Support	Lifetime ProSAFE Online Technical Support	ProSUPPORT OnCall 24x7 Technical Support	ProSUPPORT Extended Hardware Warranty
Products Covered	ALL NETGEAR Business Products	ALL NETGEAR Business Products	Select NETGEAR Business Switches	• All NETGEAR Business Products • Paid Support Package Varies by Products	Select NETGEAR Business Products
Hardware Replacement	YES Next Business Day	N/A	N/A	N/A	YES Next Business Day
Software Feature Updates	YES	YES	YES	YES	YES
Support by Email	N/A	YES	YES	YES	N/A
Support by Chat	N/A	YES	YES	YES	N/A
Support by Phone	N/A	YES	N/A	YES	N/A

NETGEAR ProSUPPORT

ProSUPPORT SKU

Services	ProSUPPORT Category	ProSUPPORT Part Number	Contract
OnCall 24x7	ProSUPPORT Category S1	PMB0S11-10000S PMB0S31-10000S PMB0S51-10000S	1 yr 3 yr 5 yr
	ProSUPPORT Category S2	PMB0S12-10000S PMB0S32-10000S PMB0S52-20000S	1 yr 3 yr 5 yr
	ProSUPPORT Category 1	PMB0311-10000S PMB0331-10000S PMB0351-10000S	1 yr 3 yr 5 yr
	ProSUPPORT Category 2	PMB0312-10000S PMB0332-10000S PMB0352-10000S	1 yr 3 yr 5 yr
	ProSUPPORT Category 3	PMB0313-10000S PMB0333-10000S PMB0353-10000S	1 yr 3 yr 5 yr
	ProSUPPORT Category 4	PMB0314-10000S PMB0334-10000S PMB0354-10000S	1 yr 3 yr 5 yr
Professional Setup and Configuration (Remote)	2-hour consultation, 48-hour advance appointment	PSB0304-10000S	

Availability by Product

Category	Product Family	Hardware Warranty	90-Day Free Support	Lifetime Online Tech Support	ProSUPPORT Category
Insight Managed Smart Cloud Switches	GC110	5 Yr	Y	N	Category S2
	GC110P	5 Yr	Y	N	Category S2
	GC510P	5 Yr	Y	N	Category S2
	GC510PP	5 Yr	Y	N	Category S2
	GC728X	5 Yr	Y	N	Category 1
	GC728XP	5 Yr	Y	N	Category 1
	GC752X	5 Yr	Y	N	Category 2
	GC752XP	5 Yr	Y	N	Category 2
Fully Managed Switches	FSM752P	Lifetime	Y	N	Category 2
	FSM7326PNA	Lifetime	Y	N	Category 2
	GSM4210P	Lifetime	Y	Y	Category 2
	GSM4328PA	Lifetime	Y	Y	Category 3
	GSM4328PB	Lifetime	Y	Y	Category 3
	GSM4328S	Lifetime	Y	Y	Category 3
	GSM4352PA	Lifetime	Y	Y	Category 3
	GSM4352PB	Lifetime	Y	Y	Category 3
	GSM4352S	Lifetime	Y	Y	Category 3
	GSM5212	Lifetime	Y	Y	Category 2
	GSM5212P	Lifetime	Y	Y	Category 2
	GSM7212F	Lifetime	Y	Y	Category 2
	GSM7224	Lifetime	Y	Y	Category 2
	GSM7224P	Lifetime	Y	Y	Category 2
	GSM7226LP	Lifetime	Y	Y	Category 2
	GSM7228PS	Lifetime	Y	Y	Category 3
	GSM7228S	Lifetime	Y	Y	Category 3

NETGEAR ProSUPPORT

Availability by Product (continued)

Category	Product Family	Hardware Warranty	90-Day Free Support	Lifetime Online Tech Support	ProSUPPORT Category
Fully Managed Switches	GSM7248	Lifetime	Y	Y	Category 2
	GSM7248P	Lifetime	Y	Y	Category 2
	GSM7252PS	Lifetime	Y	Y	Category 3
	GSM7252S	Lifetime	Y	Y	Category 3
	GSM7328FS	Lifetime	Y	Y	Category 3
	GSM7328S	Lifetime	Y	Y	Category 3
	GSM7352S	Lifetime	Y	Y	Category 3
	XSM4316S	Lifetime	Y	Y	Category 3
	XSM4324CS	Lifetime	Y	Y	Category 3
	XSM4324S	Lifetime	Y	Y	Category 3
	XSM4348CS	Lifetime	Y	Y	Category 3
	XSM4348S	Lifetime	Y	Y	Category 3
	XSM4396K0	Lifetime	Y	Y	Category 4
	XSM4396K1	Lifetime	Y	Y	Category 4
Fully Managed Switches, Chassis	XCM8903SF	Lifetime	Y	Y	Category 4
	XCM8903SK	Lifetime	Y	Y	Category 4
	XCM8903SX	Lifetime	Y	Y	Category 4
Stackable Smart Managed Pro Switch Bundles	GS752TSB	Lifetime	Y	Y	Category 2
Stackable Smart Managed Pro Switches	GS752TPSB	Lifetime	Y	Y	Category 2
	GS728TX	Lifetime	Y	Y	Category 2
	GS728TXP	Lifetime	Y	Y	Category 2
	GS752TX	Lifetime	Y	Y	Category 2
	GS752TXP	Lifetime	Y	Y	Category 3
Smart Managed Pro Switches	GS752TXS	Lifetime	Y	Y	Category 3
	FS728TLP	Lifetime	Y	N	Category 1
	FS728TP	Lifetime	Y	N	Category 1
	GS108T	Lifetime	Y	Y	Category S1
	GS110TP	Lifetime	Y	Y	Category S2
	GS418TPP	Lifetime	Y	Y	Category 1
	GS510TLP	Lifetime	Y	Y	Category S2
	GS510TP	Lifetime	Y	Y	Category 1
	GS510TPP	Lifetime	Y	Y	Category 1
	GS516TP	Lifetime	Y	Y	Category 1
	GS716T	Lifetime	Y	Y	Category S2
	GS724T	Lifetime	Y	Y	Category 1
	GS724TP	Lifetime	Y	Y	Category 1
	GS728TP	Lifetime	Y	Y	Category 1
	GS728TPP	Lifetime	Y	Y	Category 1
	GS748T	Lifetime	Y	Y	Category 1
	GS752TP	Lifetime	Y	Y	Category 2
	GS752TPP	Lifetime	Y	Y	Category 2
	MS510TX	Lifetime	Y	Y	Category 2
	MS510TXPP	Lifetime	Y	Y	Category 2
	XS708T	Lifetime	Y	Y	Category 1
	XS712T	Lifetime	Y	Y	Category 2
	XS716T	Lifetime	Y	Y	Category 2
	XS728T	Lifetime	Y	Y	Category 2
	XS748T	Lifetime	Y	Y	Category 3

NETGEAR ProSUPPORT

Availability by Product (continued)

Category	Product Family	Hardware Warranty	90-Day Free Support	Lifetime Online Tech Support	ProSUPPORT Category
Smart Managed Plus Switches	GS105E	Lifetime	Y	Y	Category S1
	GS105PE	Lifetime	Y	Y	Category S1
	GS108E	Lifetime	Y	Y	Category S1
	GS108PE	Lifetime	Y	Y	Category S1
	GS110EMX	Lifetime	Y	Y	Category S2
	GS116E	Lifetime	Y	Y	Category S2
	GS750E	Lifetime	Y	Y	Category 1
	GS908E	3 Yr	Y	N	Category S1
	JGS516PE	Lifetime	Y	Y	Category S2
	JGS524E	Lifetime	Y	Y	Category S2
	JGS524PE	Lifetime	Y	Y	Category S2
	XS512EM	Lifetime	Y	Y	Category 2
	XS708E	Lifetime	Y	Y	Category 1
	XS716E	Lifetime	Y	Y	Category 2
	XS724EM	Lifetime	Y	Y	Category 2
Smart Managed Plus Click Switches	GSS108E	Lifetime	Y	Y	Category S1
	GSS108EPP	Lifetime	Y	Y	Category S2
	GSS116E	Lifetime	Y	Y	Category S2
Easy-Mount Smart Managed Plus Switches	GS408EPP	Lifetime	Y	Y	Category S2
Unmanaged Switch	FS105	Lifetime	Y	Y	Category S1
	FS108	Lifetime	Y	Y	Category S1
	FS108P	Lifetime	Y	Y	Category S1
	FS116	Lifetime	Y	Y	Category S1
	F116P	Lifetime	Y	Y	Category S1
	GS105NA	Lifetime	Y	Y	Category S1
	GS108	Lifetime	Y	Y	Category S1
	GS108LP	Lifetime	Y	Y	Category S2
	GS108PP	Lifetime	Y	Y	Category S2
	GS110MX	Lifetime	Y	Y	Category S2
	GS116LP	Lifetime	Y	Y	Category S2
	GS116NA	Lifetime	Y	Y	Category S2
	GS116PP	Lifetime	Y	Y	Category S2
	GS305	3 Yr	Y	N	Category S1
	GS305P	3 Yr	Y	N	Category S1
	GS308	3 Yr	Y	N	Category S1
	GS308P	3 Yr	Y	N	Category S1
	GS316	3 Yr	Y	N	Category S2
	GS324	3 Yr	Y	N	Category S2
	GS348	3 Yr	Y	N	Category S2
	GS908	3 Yr	Y	N	Category S1
	JFS524	Lifetime	Y	Y	Category S2
	JGS516NA	Lifetime	Y	Y	Category S2
	JGS524NA	Lifetime	Y	Y	Category S2
	XS505M	Lifetime	Y	Y	Category 1
	XS508M	Lifetime	Y	Y	Category 1
Nighthawk Gaming & Streaming Advanced Ethernet Switches	GS808E	3 Yr	Y	N	Category S2
Nighthawk Pro Gaming Advanced Ethernet Switches	GS810EMX	3 Yr	Y	N	Category 1

NETGEAR ProSUPPORT

Availability by Product (continued)

Category	Product Family	Hardware Warranty	90-Day Free Support	Lifetime Online Tech Support	ProSUPPORT Category
ReadyNAS Desktop	RN212	5 Yr	Y	N	Category 2
	RN214	5 Yr	Y	N	Category 2
	RN312	5 Yr	Y	N	Category 2
	RN314	5 Yr	Y	N	Category 2
	RN316	5 Yr	Y	N	Category 2
	RN422	5 Yr	Y	N	Category 2
	RN424	5 Yr	Y	N	Category 2
	RN426	5 Yr	Y	N	Category 3
	RN428	5 Yr	Y	N	Category 3
	RN524X	5 Yr	Y	N	Category 3
	RN526X	5 Yr	Y	N	Category 3
	RN528X	5 Yr	Y	N	Category 3
	RN626X	5 Yr	Y	N	Category 3
	RN628X	5 Yr	Y	N	Category 3
ReadyNAS Rackmount	RR2304	5 Yr	Y	N	Category 2
	RR2312	5 Yr	Y	N	Category 3
	RN3138	5 Yr	Y	N	Category 3
	RR3312	5 Yr	Y	N	Category 4
	RR4312X	5 Yr	Y	N	Category 4
	RR4360X	5 Yr	Y	N	Category 4
ReadyNAS Expansion Chassis	EDA4000	5 Yr	N	N	Category 4
WiFi Systems - Orbi	RBS50Y	5 Yr	Y	Y	Category S2
	SRK60	5 Yr	Y	Y	Category 1
	SRS60	5 Yr	Y	Y	Category 1
Wireless 802.11ac Access Points	WAC104	3 Yr	Y	N	Category S1
	WAC120	3 Yr	Y	N	Category S1
	WAC505	5 Yr	Y	N	Category S1
	WAC510	5 Yr	Y	N	Category S2
	WAC720	Lifetime	Y	Y	Category 1
	WAC730	Lifetime	Y	Y	Category 1
	WAC740	Lifetime	Y	Y	Category 1
Wireless Access Points	WNAP210	Lifetime	Y	Y	Category S2
	WNAP320	Lifetime	Y	Y	Category 1
	WND930	Lifetime	Y	Y	Category 1
	WNDAP330	Lifetime	Y	Y	Category 1
	WNDAP350	Lifetime	Y	Y	Category 1
	WNDAP360	Lifetime	Y	Y	Category 1
	WNDAP620	Lifetime	Y	Y	Category 1
	WNDAP660	Lifetime	Y	Y	Category 1
	WNSKT350	Lifetime	Y	Y	Category 1
Wireless Management Systems	WC7520	Lifetime	Y	Y	Category 1
	WC7520SKT	Lifetime	Y	Y	Category 1
VPN Firewalls and Routers	FVS318G	Lifetime	Y	Y	Category 1
	FVS318N	Lifetime	Y	Y	Category 1
	FVS318NA	Lifetime	Y	Y	Category 1
	FVS336G	Lifetime	Y	Y	Category 1
	SRX5308	Lifetime	Y	Y	Category 1
	BR500	5-year	Y	N	Category 1



CONNECTED
HOME PRODUCTS



CONNECT YOUR NETWORK WITH STYLE

Gone are the days of flashing LED lights, tangled cables, and bulky design. With NETGEAR “Lifestyle” 900 series switches, you get a user-friendly switch crafted with your modern home in mind. Their stylish and thoughtful design eliminates the unsightly tangle of cables, distracting lights and fan noise, enabling these new switches to be proudly displayed in full view for all to see.

Their built-in cable organizer and Port LED ON/OFF button keep your environment quiet and clean, and their direct wired Ethernet connects your home to your smart TV, gaming console, streaming video player (Apple TV, Fire TV, Roku, etc.), NAS storage drive, IP camera, and security systems with speed and style.

The GS908E is also a USB charging station. USB ports are conveniently placed on the back of the GS908E to allow you to charge your smartphone and tablet. With 2A support per port you will be able to charge your devices faster than ever. Moreover the 20W maximum power budget and the 10W per port support will assure that you can charge two Tablets or power-hungry devices at the same time.

Discover the industry's first consumer-friendly switch with integrated cable management.



	GS908	GS908E
Typical Use	Home and Business	Home and Business
# of Gigabit Ports	8	8
Cable Management	✓	✓
Port & Power Port LED On/Off	✓	✓
USB Charging Ports	0	2
Management	Unmanaged	Mobile Web Optimized Management
Auto-Diagnostic LED		✓

Learn More: www.netgear.com/lifestyle-switch



NIGHTHAWK®
Advance the way you WiFi

NETGEAR Nighthawk brand is known for the most advanced, high-performance WiFi technology and home networking products of its time. Nighthawk products are full-featured, customizable home networking solutions with advanced utility well beyond just Internet connectivity. Innovation with cutting edge WiFi and networking technology are hallmarks to NETGEAR Nighthawk.

From the world’s fastest WiFi routers and mobile routers, to next generation WiFi range extenders, cable and DSL modem routers, WiFi adapters and network switches, Nighthawk products stand out on speed, performance,

and reliability. Using the fastest dual and quad-core processors available, Nighthawk breaks network speed barriers with innovative WiFi technology and wired connectivity. The Nighthawk WiFi routers and extenders offer reliable coverage throughout very large homes with the capability to support the latest connected devices for the smart home.

Nighthawk WiFi products’ iconic looks, powerful antennas and elegant LED displays have won internationally recognized awards for excellence in product design.

Advanced features
The fastest available 802.11ac and 802.11ad WiFi speeds
High-end processors for optimized performance
Feature-rich products with technologies such as Dynamic QoS, Beamforming+, FastLane, VPN, and Smart Connect
Gigabit Ethernet ports for faster file sharing and transfers
Port aggregation to improve the aggregated file transfer speed
USB 3.0 ports for backup and easy access to your stored media
High-performance antennas for better WiFi coverage and faster speeds

Nighthawk solutions are the most customizable home networking solutions with advanced utility well beyond just Internet connectivity. The latest software integrations include:
PLEX integration
ReadySHARE USB
ReadySHARE Vault
Circle with Disney Smart Parental Controls
Voice Control using Amazon Alexa and the Google Assistant
Kwilt for photo sharing

Learn more: www.netgear.com/nighthawk



ORBI™ WHOLE HOME MESH WIFI SYSTEMS

Enjoy one WiFi name and seamless roaming for your entire home.
Better WiFi. Everywhere.

Orbi WiFi Systems are designed for a broad range of home environments, from apartments and lofts to single family homes and sprawling estates. Orbi WiFi Systems come with an Orbi WiFi Router and Satellite to deliver unparalleled WiFi coverage throughout your whole home, even in your basement or backyard. Innovative Tri-band WiFi ensures you enjoy the top Internet speeds you pay for everywhere in your home.

Orbi WiFi Systems deliver industry-leading 802.11ac 3Gbps and 2.2Gbps WiFi speeds with reliable whole home coverage, so you can enjoy seamless WiFi everywhere in your home and around your property with Orbi Outdoor satellite, without dead zones - from the attic to the basement, patio to garage, front yard to back garden - even while streaming 4K HD video content or other bandwidth-gobbling multimedia.

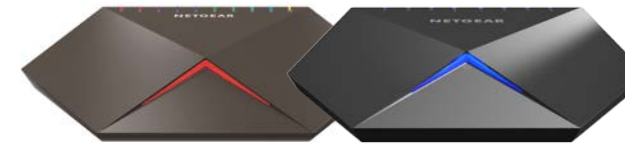
Now, the Orbi WiFi lineup also includes Orbi Voice Mesh WiFi System, that includes a WiFi router and Orbi Voice smart speaker and WiFi satellite with built-in Amazon Alexa and high-quality Harman Kardon audio. Experience better WiFi and sound, everywhere.

Easily expand and extend WiFi coverage with additional satellites, indoors or out. Additional wall-plug form factor for Orbi provides more choice of style and flexibility of placement in common areas such as hallways and kitchens.

Setup separate and secure internet access for guests. Orbi works with Amazon Alexa and the Google Assistant so you can control your home network using voice commands. Installation is a breeze, use the Orbi app to setup your whole home mesh WiFi in minutes.

Learn more: www.netgear.com/orbi

AWARD-WINNING HOME NETWORKING PRODUCTS



Nighthawk Pro Gaming Switches

The NETGEAR Nighthawk Pro Gaming Ethernet switches are versatile, ultra-performance, easily configurable network switches designed for expert gaming, 4K UHD media streaming, and home network connectivity.

Their sleek and modern design make them the perfect for any modern home or small office. The Nighthawk Switches bring low latency, traffic and port prioritization, and Quality of Service (QoS) management at the click of a button for ultra-high performance in high-demanding online/VR gaming and media streaming.

Learn more: www.netgear.com/npg



Mobile Routers (Portable WiFi)

Get fast streaming with advanced mobile WiFi. NETGEAR Mobile Routers elevate the mobile WiFi experience for your business and your teams. Fast speed for downloading, streaming and media sharing - everything you do at the office, can now be done virtually anywhere you go. Mobile Routers offer fast download speeds, dual concurrent WiFi bands, a long lasting battery, and simply a powerful mobile WiFi performance that you cannot find from other mobile hotspot devices.

Learn more: <http://www.netgear.com/home/products/mobile-broadband/mobilerouters/>



Cable Modems

With the latest NETGEAR cable modems, get the fastest Internet speeds cable providers are offering. One of the latest in the family is CM1000 DOCSIS® 3.1 cable modem, which is the world's first retail DOCSIS 3.1 Cable Modem certified for XFINITY® by Comcast. This new Cable technology delights consumers with gigabit Internet speeds.

Learn more: <http://www.netgear.com/docsis-3.1>



DSL Modems and Modem Routers

NETGEAR offers a wide range of innovative DSL modem and modem routers. More homes now have multiple devices requiring strong, steady WiFi signals. NETGEAR DSL modems and modem routers are compatible with DSL service providers to meet every type of home networking need.

Learn more: <http://www.netgear.com/home/products/networking/dsl-modems-routers/>