

NETGEAR[®]

BUSINESS

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NETGEAR[®]

Product Catalog / Volume 21 - 1

NETGEAR[®]
BUSINESS

Product Catalog

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

VOLUME 21 - 1



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 AV-over-IP, SDVoE 48/96p, 10G switch
- 2019 First Business Instant Mesh WiFi
 - First NETGEAR 100G switches
- 2020 First Ultra60 PoE++ Smart Pro switches
 - First Cloud managed point-to-point bridge
 - First Business WiFi 6 AX6000 Tri-band WiFi System
 - Pre-configured switches engineered for AV over IP

NETGEAR[®]
BUSINESS

DESIGNED WITH YOUR BUSINESS IN MIND

NETGEAR has pioneered advanced networking technologies for homes, businesses, and service providers around the world.

Since 1996, we've led the industry with a broad range of award-winning products designed to simplify and improve people's lives.

We are dedicated to empowering our customers to collaborate and connect to a world of information by enhancing homes and powering businesses with an unmatched line of the innovative, intelligent, and easy to use WiFi and networking solutions.

Breaking boundaries to power the future.

Patrick Lo

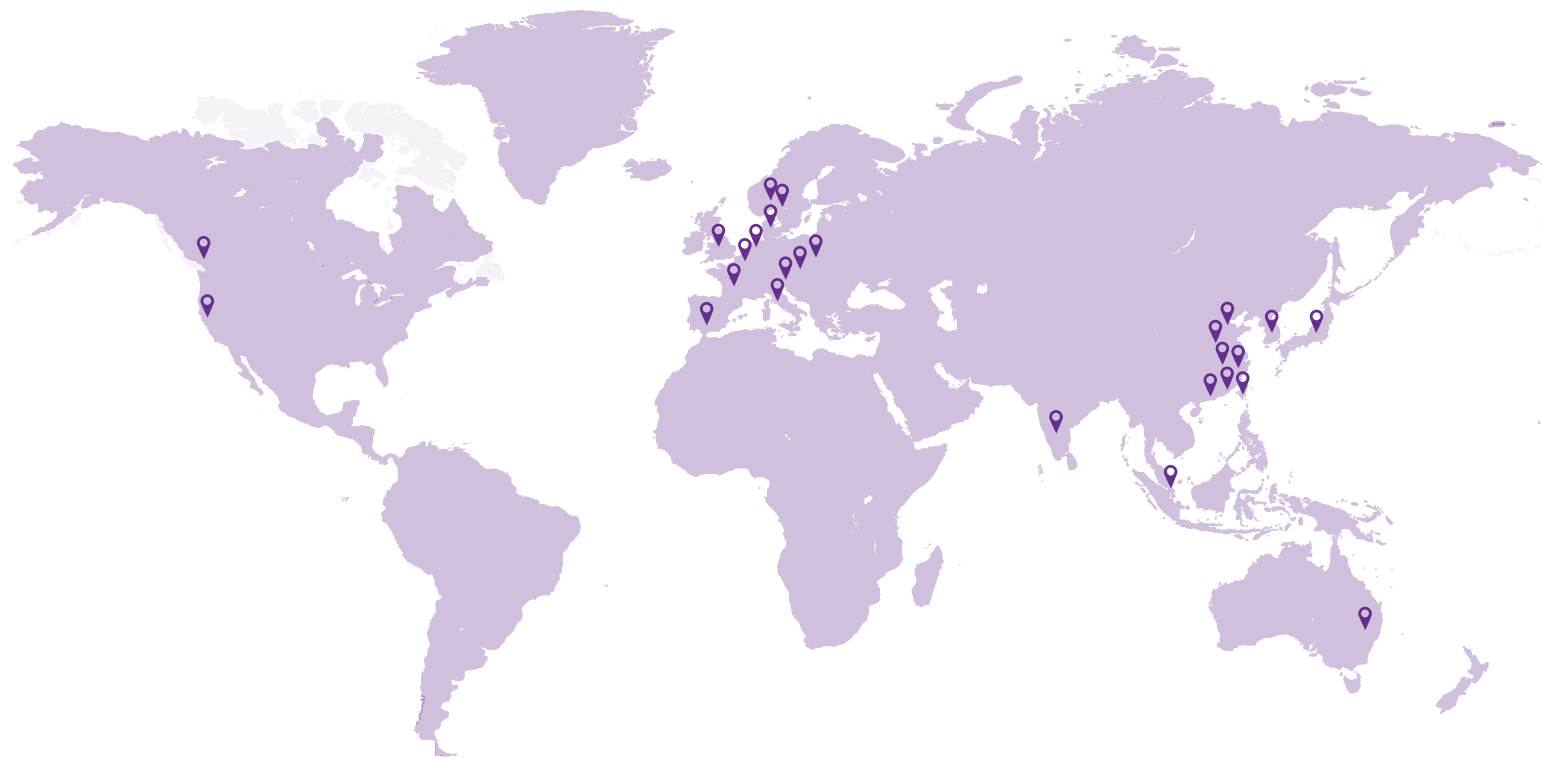
NETGEAR CEO and Co-founder

When we were a startup, 25 years ago, we built our very first hub. We created it to help power the future. To open doors we had only dreamt about. We began to imagine homes without wires or boundaries. Business networking without walls or barriers. Tools and services that make what matters most more secure, scalable, and enjoyable to use. And we built what we imagined.

It earned us awards, a reputation, and respect as a trusted leader in connectivity.



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AUSTRALIA	IRELAND
BELGIUM	ITALY
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CHINA - GUANGZHOU	POLAND
CHINA - NANJING	SINGAPORE
CHINA - SHANGHAI	SWITZERLAND
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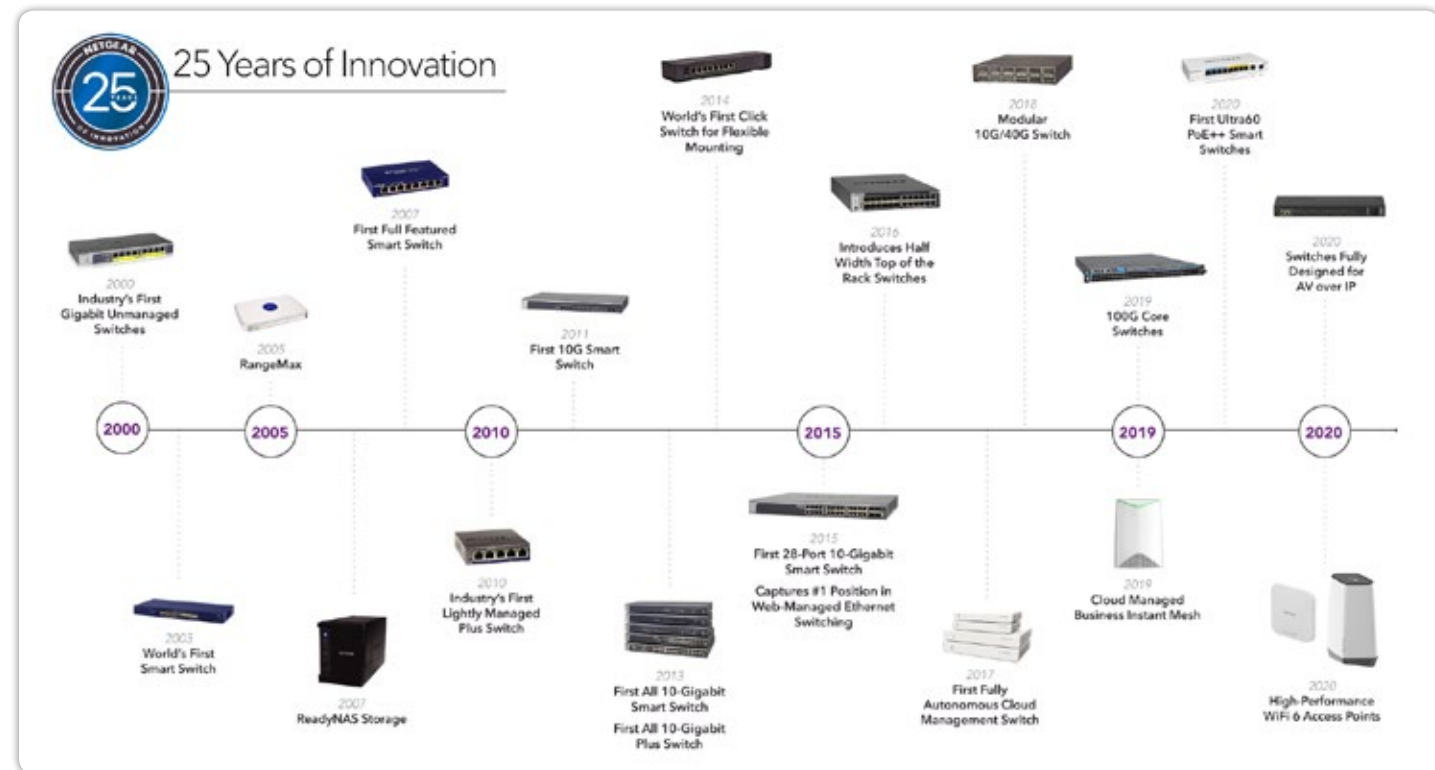
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Enterprise-class networking for SMB at the right price

NETGEAR has pioneered advanced networking technologies for homes, businesses, and service providers around the world. Since 1996, we've led the industry with a broad range of award-winning products designed to simplify and improve people's lives.

We are dedicated to empowering our customers to collaborate and connect to a world of information by enhancing homes and powering businesses with an unmatched line of the innovative, intelligent, and easy to use WiFi and networking solutions.



Brand Promise

Powerful connectivity to maximize your productivity, profitability and potential.



INDUSTRY-LEADING EFFICIENT NETWORKING



Flip the switch on costly problems.

From entry-level essentials to fully integrated cloud-managed switches, NETGEAR leads the way by offering the most innovative, comprehensive, scalable, and affordable switching portfolio to fit every business need.



Powerful WiFi with ease.

Cover your growing business with secure, reliable, and blazing fast WiFi. From simple, affordable, DIY WiFi to large, industrial areas, NETGEAR Business' robust line of Wireless products will maximize any network's potential.



Defend your data.

This is a data-driven world. All companies use data for different aspects of their business. Without 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 affordable, but highly scalable with enterprise class reliability and security.

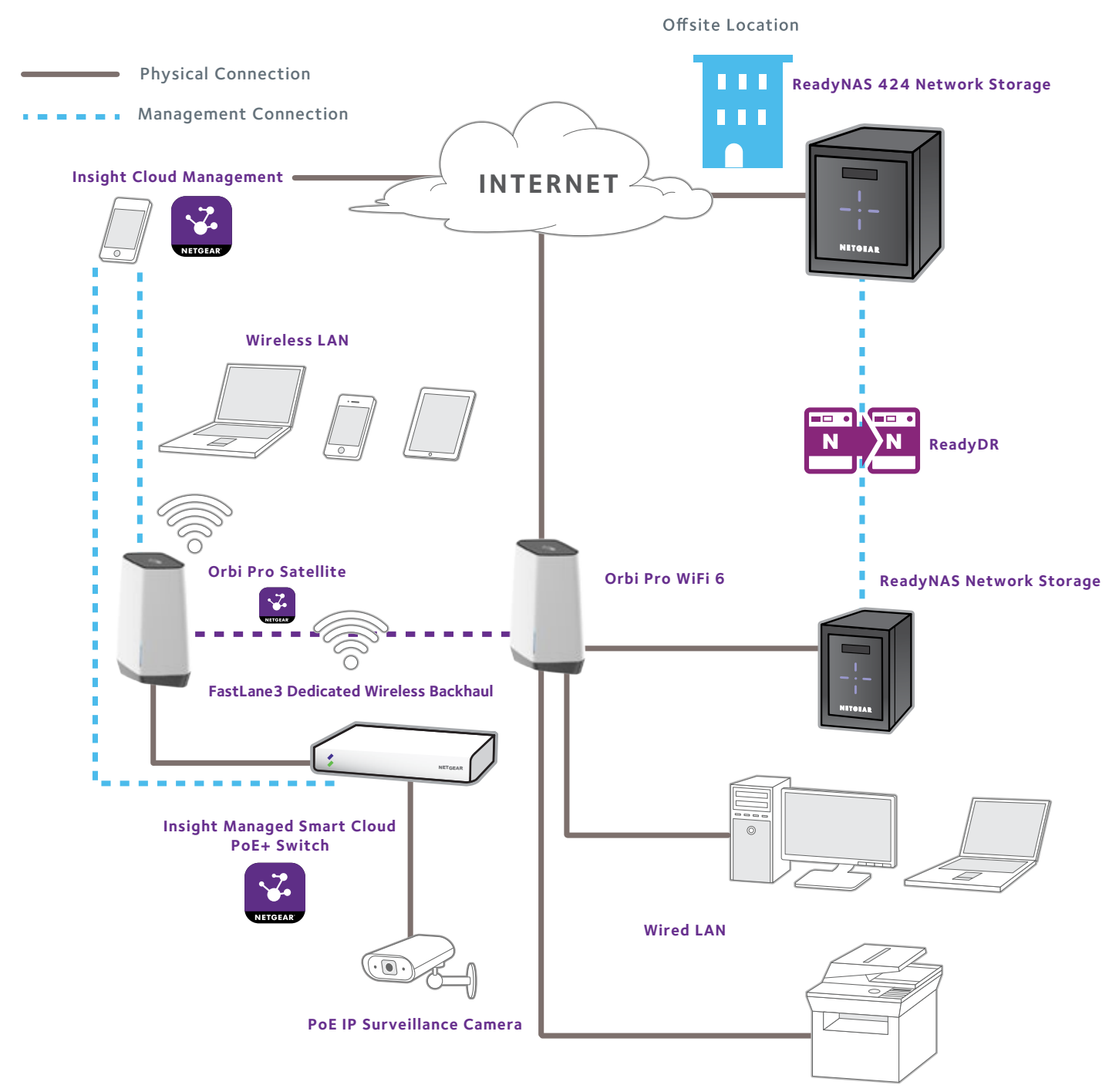


See your network in a whole new way.

NETGEAR is removing the headaches and hassles of IT with the broadest, most cost-effective, and easily scalable network-deployment solution available for businesses. Insight puts a complete, unified network in the palm of your hand. It delivers peace of mind, knowing you can always monitor and control your network devices with ease... anytime, anywhere.

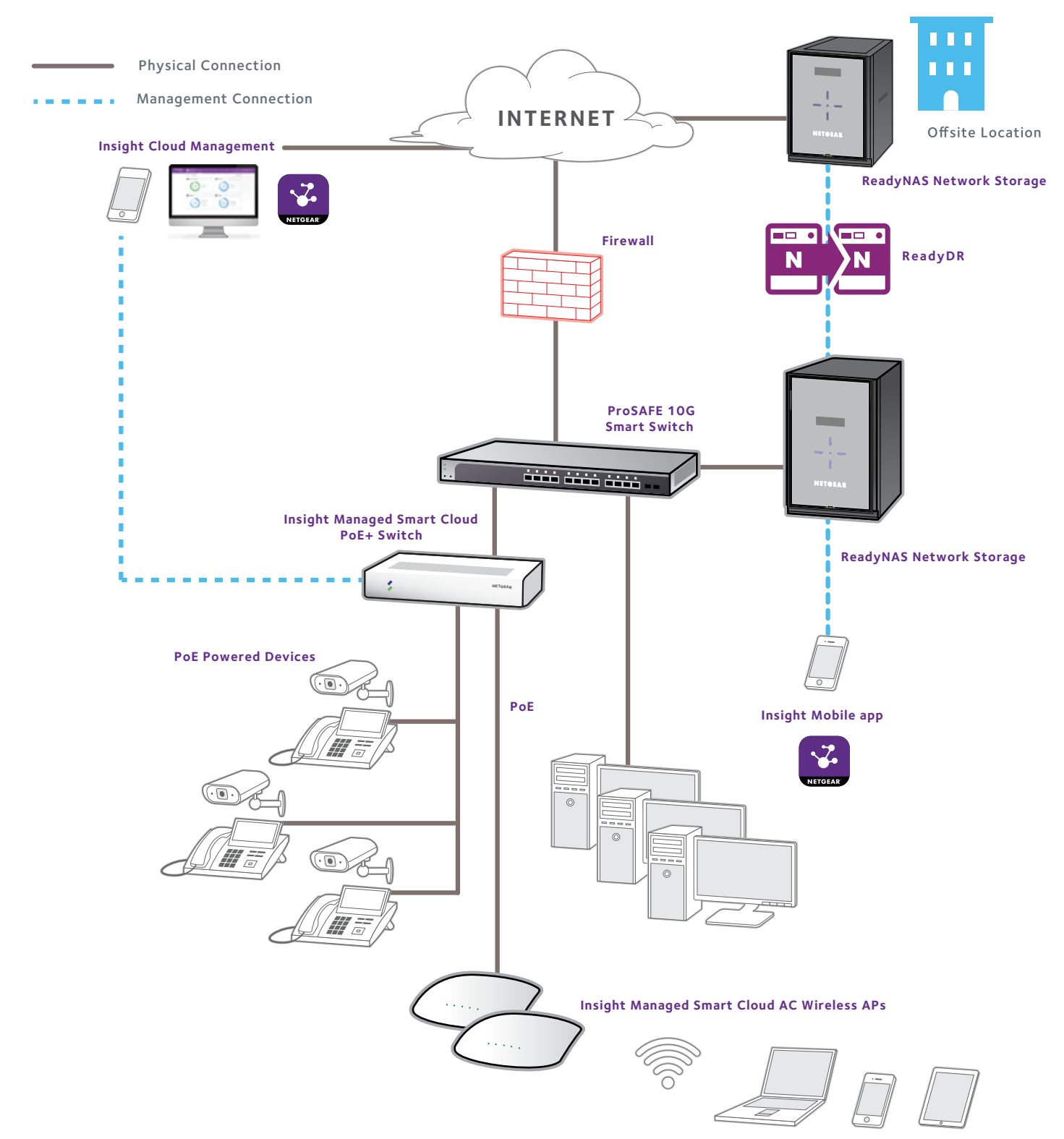
NETWORK SOLUTION FOR SMALL OFFICE AND HOME OFFICE (SOHO) 1-5 USERS

Connection Setup



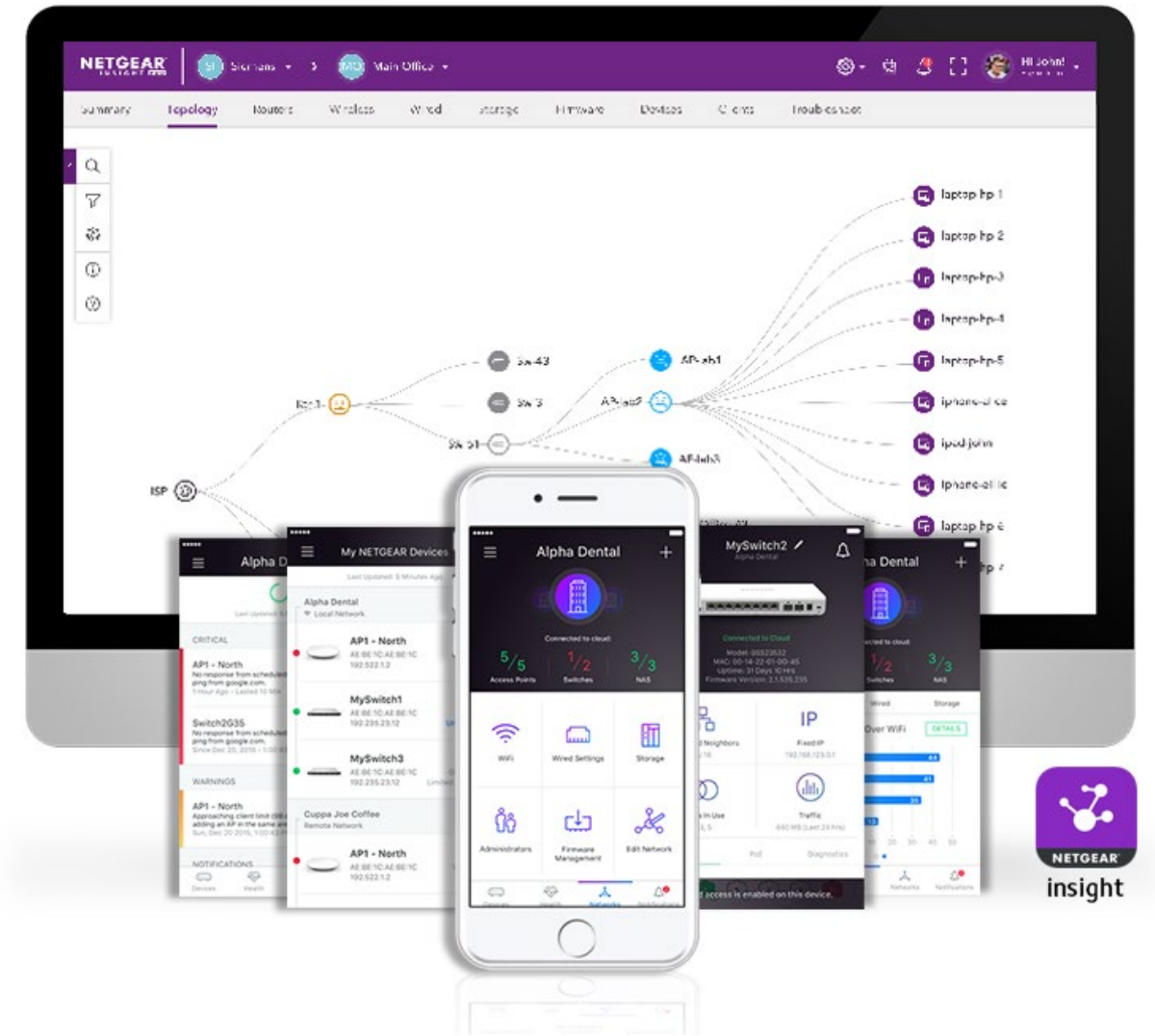
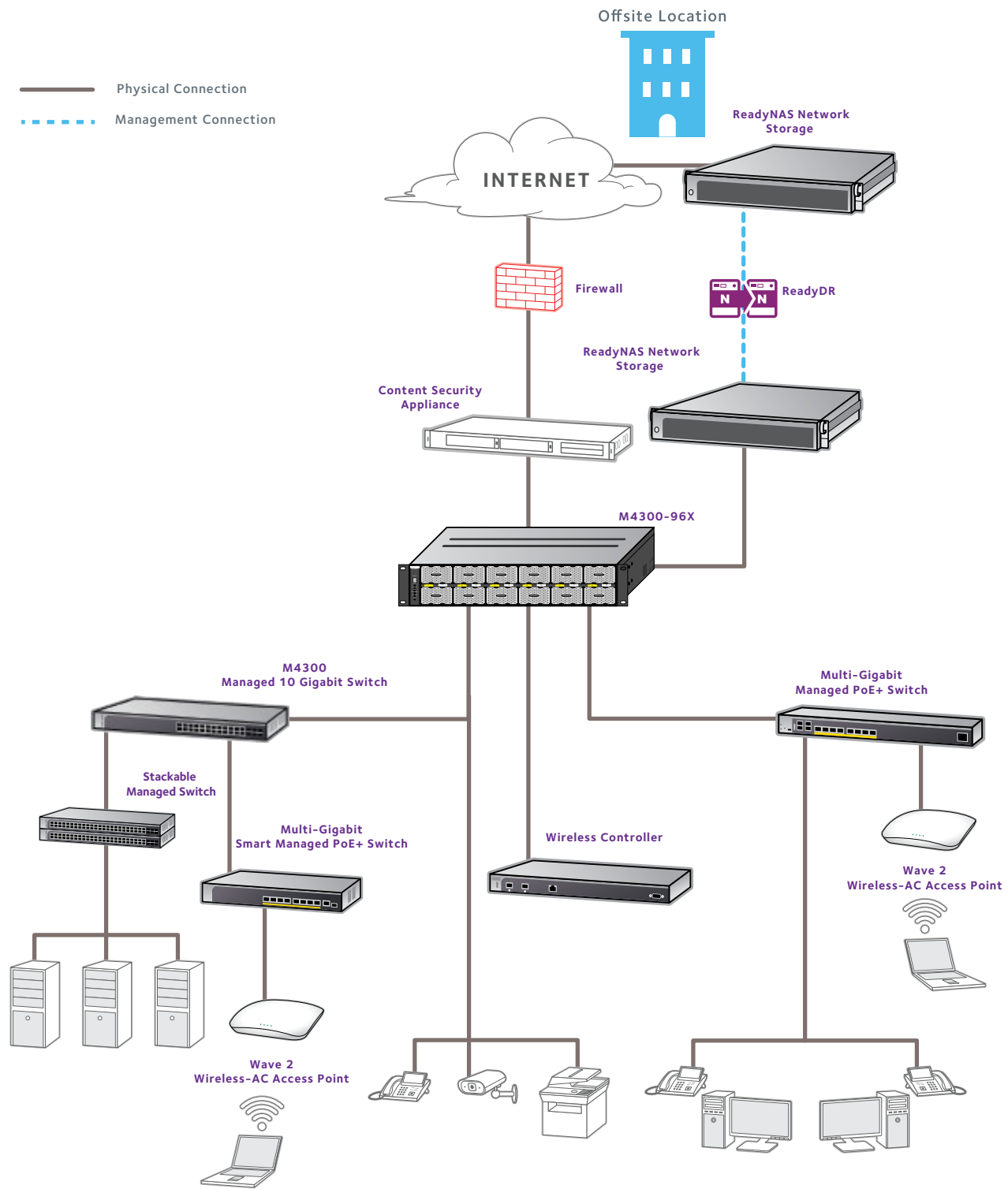
WIRED SOLUTION INSIGHT, 5-150 USERS

Connection Setup



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

Connection Setup



NETGEAR
Insight Management
Solution

CENTRALIZED 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, and remotely monitor and manage them with the ease, simplicity and intuitiveness on both a mobile app or a Cloud portal*, anytime, anywhere. Best yet NETGEAR Insight does this without requiring businesses to purchase and install additional management hardware or software.

NETGEAR Insight enables multi-location, multi-device configuration of your NETGEAR Insight Managed switches (Smart Cloud and Smart switches with Cloud management), 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 2 subscription plans, Insight Premium for businesses themselves and Insight Pro for Managed Service Providers and Value-added Resellers. Select devices now come with 1-year of Insight subscription included with the purchase.

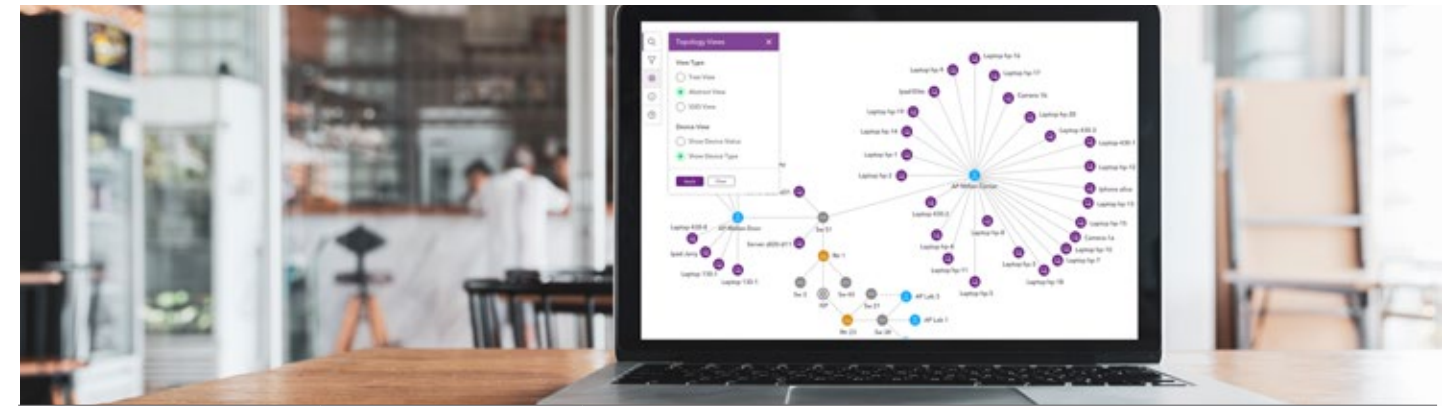
For more information on the Insight subscription plans, a list of Insight-manageable devices, and those that include 1-year of Insight subscription, go to www.netgear.com/insight

Your Network. Anytime. Anywhere.

*Cloud portal available with the Insight Premium and Pro subscriptions. See www.netgear.com/insight for details.

COMPATIBILITY TABLE

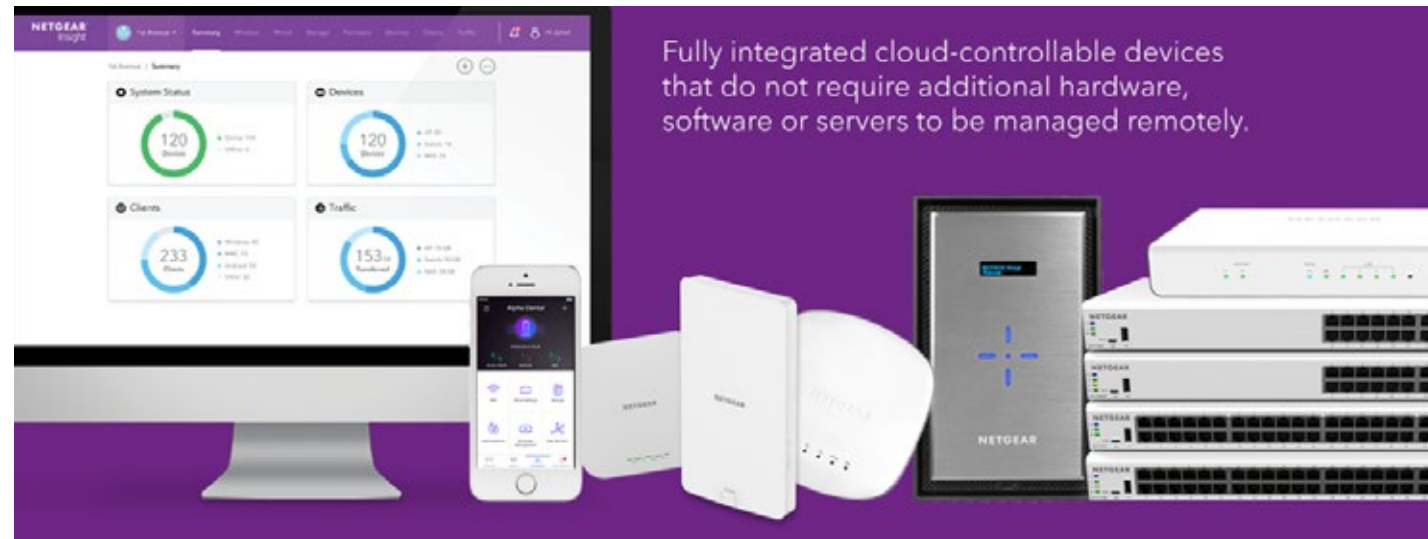
NETGEAR INSIGHT	SET-UP	MANAGE	MONITOR	DISCOVER	REGISTER
Smart Cloud and Smart Switches with Cloud option	X	X	X	X	X
Insight Managed Access Points	X	X	X	X	X
Insight Instant VPN Router	X	X	X	X	X
Orbi Pro Router & Satellites	X	X	X	X	X
ReadyNAS (except 100 series)		X	X	X	X
Plus Switches			X	X	X
Smart Switches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



PRODUCT	NETGEAR INSIGHT 6.0	
Features	Full Network Discovery	<ul style="list-style-type: none"> Discovery of select NETGEAR network devices - Access Point, Switch, Storage and VPN Router Discovery and setup of the NETGEAR Insight Managed network devices Multi-device monitoring dashboard NETGEAR Smart Switch Discovery, registration and IP address Management Visibility into WiFi clients
	Setup And Installation Of Insight Managed Devices	<ul style="list-style-type: none"> Easy device discovery via WiFi network discovery or QR /bar code scanning Insight Instant mesh setup with the WAC540 Orbi Pro Router & Satellite manageable by Insight Setup Insight Managed Wireless Access Points in router or AP mode Set rate limits for upload and download of Insight Managed Wireless APs and Smart Cloud Switches (across both wired and wireless networks) Setup Insight Managed Smart Cloud and select Smart switch advanced switching features including VLANs, LAGs, Radius Authentication, PoE and SNMP Auto-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 networks Device status (Connected, Not reachable, Up time, Firmware version) Detailed logs of device activity Email and push notifications Data usage monitoring
	Complete Management Of Insight Managed Devices	<ul style="list-style-type: none"> Device discovery across full wireless and wired network Secure remote user management Create up to 3 site-to-site secure connection Guest WiFi/Captive Portal Firmware upgrade and device reboot Define URL filtering for wireless AP 802.1x Radius Authentication VLAN, LAG, QoS, ACLs, and advanced PoE management and SNMP settings Smart WiFi management (with Premium or Pro management subscription) WiFi Fast Roaming (with Premium or Pro management subscription) PoE scheduler (with Premium or Pro management subscription) RTP/RSTP/MSTP support (with Premium or Pro management subscription) Extend your WiFi further out with Insight Instant Mesh Extend out even further for outdoors wireless coverage with AirBridge with Insight management Network-Level Config & Cloning (with Premium or Pro management subscription)
	Multi-locations	<ul style="list-style-type: none"> Easily create and manage multiple locations from a single pane-of-glass Add and configure devices in each network Monitor across all locations from anywhere Single-flow multi-location creation
	Common Management Ownership	<ul style="list-style-type: none"> End customer or Managed Service Provider
	Security	<ul style="list-style-type: none"> Multi-factor authentication, secure cloud, and router/firewall devices
	Supported Operating System	<ul style="list-style-type: none"> iOS (version 8.0 and above), Android (version 4.4 and above)
	High-Density Wireless	<ul style="list-style-type: none"> High-density WiFi with advanced roaming and loading balance
	Topology Viewer	<ul style="list-style-type: none"> Topology maps with various views for better visibility and troubleshooting

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

- Instant mesh setup for Access Points
- Instant WiFi
- Fast roaming & security
- Captive portal



Automated deployment & updates

- Firmware updates scheduling
- PoE Scheduling
- Network-level setting Save & Copy for speedy deployment of new network locations



Easy configuration & management

- VLANs, LAGs, PoE, SNMP
- WiFi configuration
- Branded automated Custom Reporting specifically tailored for both internal users and end-customers
- Network Cloning



Remote provisioning

- Centralized device configuration
- PoE & port configuration
- Instant VPN to linkup branch offices and multi-sites and provide employees secure remote access

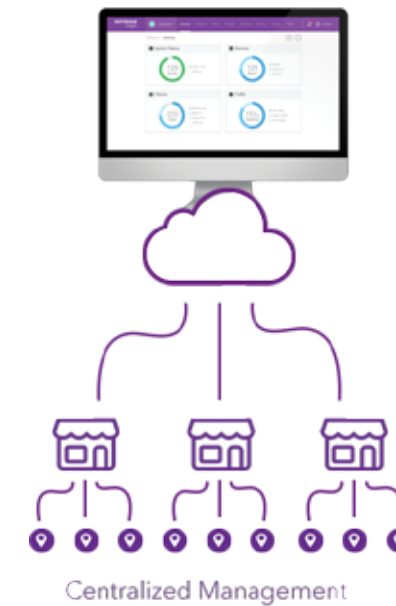


Advanced security

- 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).



Insight Solution

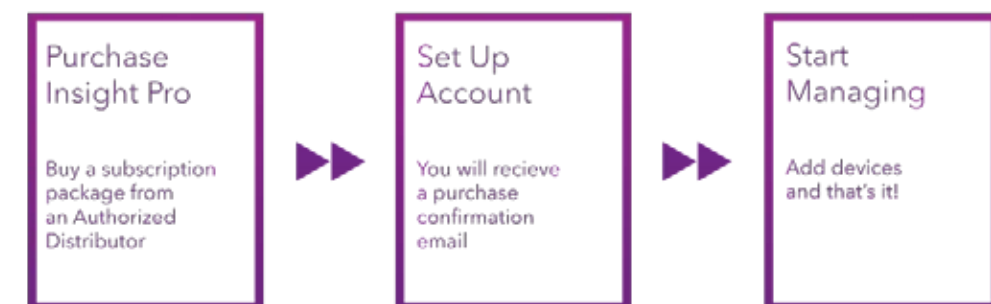
- ✓ Multi-tenancy
- ✓ Multi-Users roles & access
- ✓ Centralized updates & dashboard
- ✓ Custom reports
- ✓ Operational efficiencies
- ✓ Cost economy

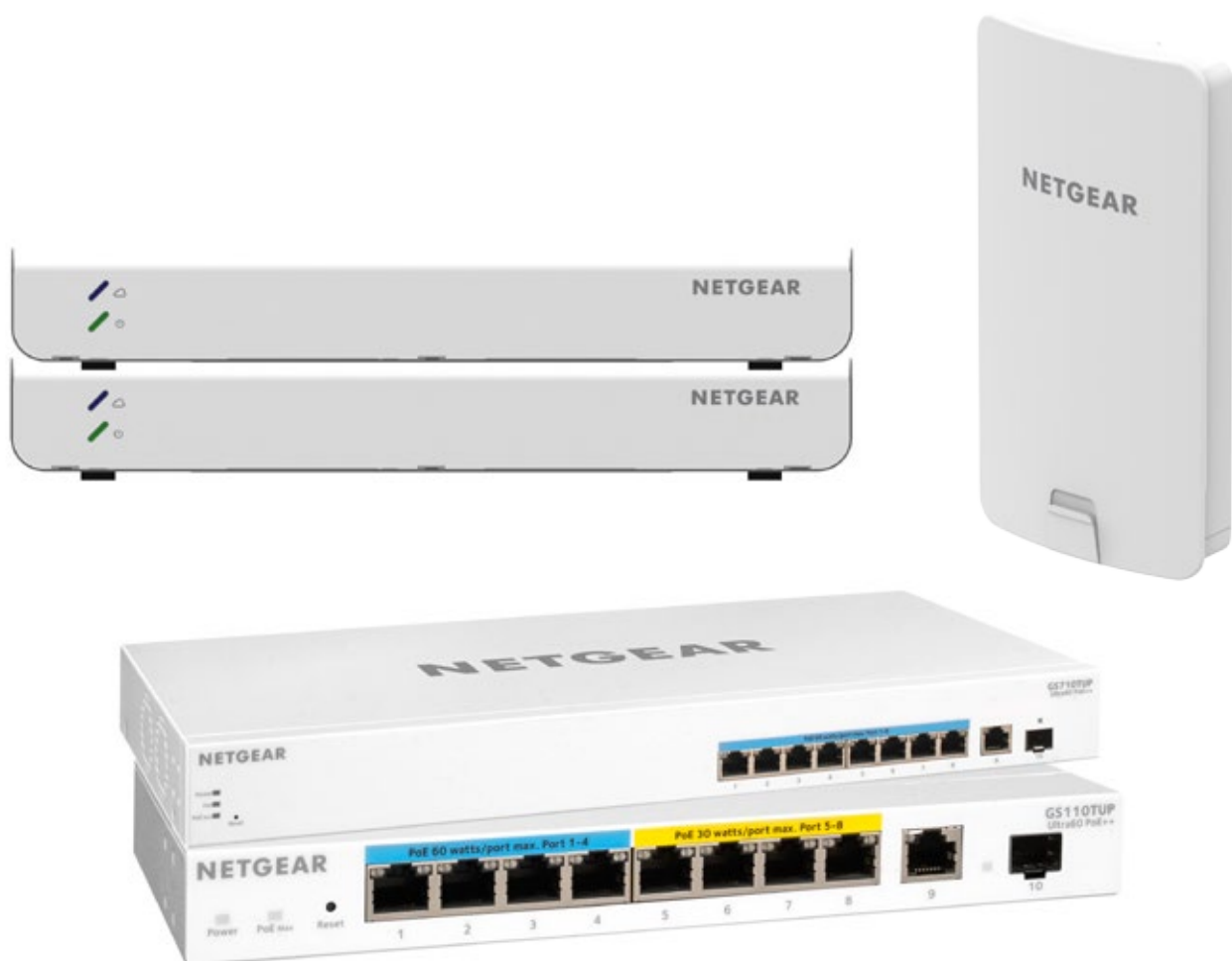
MOVE TO A PROFITABLE RECURRING REVENUE MODEL

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

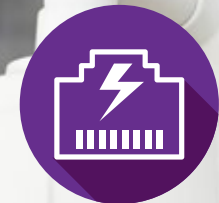
- Move to Recurring Revenue model to raise profitability
- Leverage Cloud technology to reduce investment
- Automate & Replicate low value, mundane tasks to increase efficiency and scale your business
- Get full visibility and proactively react on your customer networks to improve customer satisfaction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

HOW IT WORKS FOR VARS AND MSPS





Building a Network Infrastructure for Robust IP Video Surveillance



Video surveillance based on digital IP technology has revolutionized the physical security industry. The network is the critical infrastructure in any surveillance installation that enables all the other surveillance functions - transmitting video streams to be viewed, managed and stored as well as carrying power to the cameras using Power over Ethernet (PoE).

Existing networks often lack manageability and serviceability. Such "dark" networks make maintenance and service expensive while predicting and budgeting for network expansion become impossible. NETGEAR is here to help make your IP surveillance network intelligent and still be within your budget.

Factors such as transmission modes and video compression methods can have a significant effect on bandwidth requirements and cost.

NETGEAR understands these needs and provides a range of products with capabilities that match your requirements - the right products at the right price.

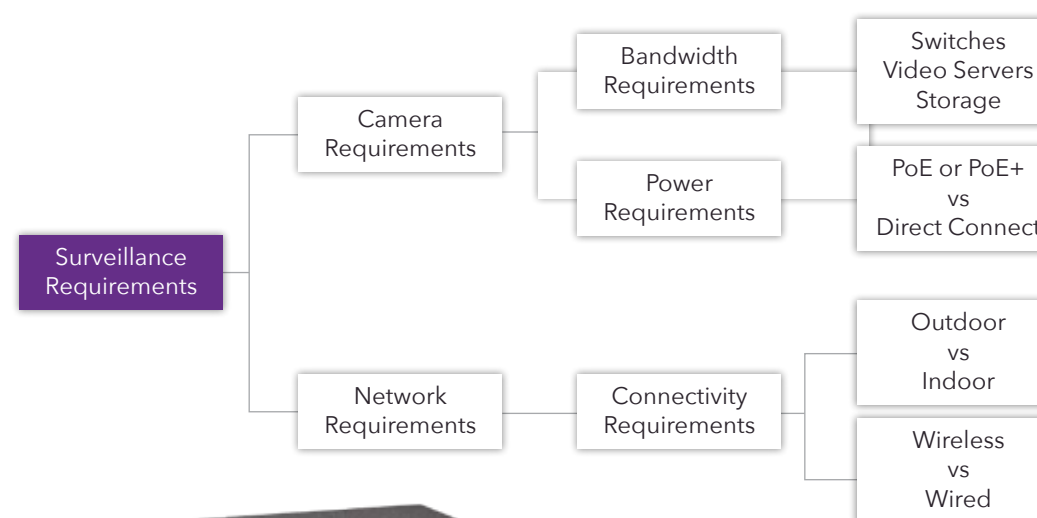
How to have a successful surveillance network

-  **Adequate bandwidth** - allow enough bandwidth for high quality footage capture
-  **Resilience** - provide a secondary power source in case of power failure
-  **Security** - prevention from digital and physical hacking

Surveillance



Considerations when building an IP surveillance network:



Largest portfolio of Power over Ethernet (PoE) switches



Power over Ethernet (PoE) provides power and network connectivity for PoE-powered devices over a single network cable. It's a 2 in 1 solution, so you don't have to worry about placing your devices next to a power outlet.

Great NETGEAR PoE Switch features for surveillance¹

1. Fanless and whisper-quiet fan designs
2. Desktop, wall mount and rackmount options
3. L3 Lite static routing
4. Management and video network segregation (VLANs, trunking)
5. MAC-based blocked/unblocked lists
6. Support for pre-IEEE standards
7. Exclusive FlexPoE to increase PoE budget by adding larger PSU
8. Advanced controls per port:
 - PoE on/off and power cycle (one-button)
 - PoE budget controls
 - PoE scheduling
 - PoE power auto-balance to dynamically allocate PoE power
 - Uninterrupted PoE during firmware update or software reboot
9. Market-leading warranty and expert support



LOWER INFRASTRUCTURE AND INSTALLATION COSTS

Fewer, separate power adapters are needed and only one cable run is required rather than two.



NO NEED FOR ELECTRICIANS

Uses existing IT networking infrastructure.



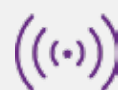
OVERCOMES HARD TO WIRE ENVIRONMENTS

Including old or 'protected' buildings.



CENTRALIZED CONTROL

Manage power to devices from a centralized switch. Power down/up devices as required for energy and cost savings.



EXTENDS WIRED AND WIRELESS NETWORK REACH

Not limited to fixed power outlet placements.



RELIABILITY

Redundant Power Supply (RPS) backup options helps keep devices running even in the event of a power outage. Important for business critical services, such as IP Cameras.



NETGEAR
INSIGHT

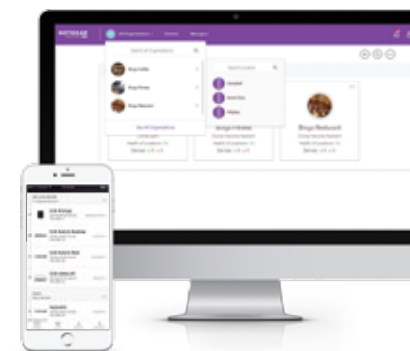


Insight remote management solution option

Insight offers plug-and-play setup and management of your business network, using an easy-to-use mobile app or a cloud web portal. The Insight platform allows any business owner or IT professional to discover and setup their NETGEAR devices, and monitor or manage their network, easily. The intuitive mobile app and web interface cover a variety of configuration options and network situations.

Insight Features for Surveillance

- Cloud-based remote management from web and mobile
- Remote device configuration
- Wireless and wired network setup
- Continuous monitoring & alerting of network and device issues
- 24/7 visibility and control
- Easy firmware management, including automated scheduling
- Remote troubleshooting and in-app access to help and support
- Per port PoE enable/disable & scheduling
- Multi-location, multi-site, multi-role
- Secured over the cloud



www.netgear.com/insight

NETGEAR Wireless AirBridge

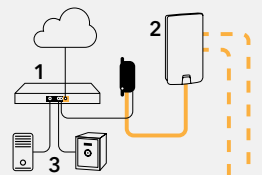
NETGEAR Insight Instant Wireless AirBridge is a point-to-point or point-to-multipoint wireless bridge for long distance Outdoor WiFi range up to 9000ft (3km). NETGEAR AirBridge delivers 500Mbps at 500ft (166m) distance at line-of-sight and supports the latest 5GHz 802.11ac WiFi technology. It enables point-to-point network expansion from the master site to one or more satellite sites. Multiple AirBridge units can be combined in a point-to-point mode covering an even greater distance.

NETGEAR AirBridge can also connect to an existing Wireless Router or Access Point for IP camera connectivity. In this case, the user connects the AirBridge to the Main site as a WiFi client. The AirBridge is located either indoor or outdoor, away from the Main Site. The IP Camera connects to the AirBridge through the Ethernet port. This mode is available through the local standalone management mode only.

Use case: Long-range and outdoor video surveillance

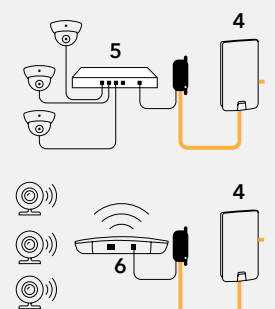
Main Site

1. Router with wired internet connection
2. AirBridge master
3. Surveillance video management server & database



Remote Sites

4. AirBridge satellite
5. Switch for multiple PTZ camera connections
6. WiFi access point for WiFi camera connections



www.netgear.com/airbridge

¹ Features vary by model



NETGEAR understands the need for fast, secure, feature-rich surveillance networking products that perform better and cost less than the competition.

Industry-leading, efficient networking for surveillance.



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.

PLUS

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

SMART

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

SMART W/OPTIONAL REMOTE/CLOUD MANAGEMENT

All of the capabilities of our Smart switches with additional option to remotely manage/monitor using Insight Cloud management.

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	PLUS	SMART	W/REMOTE/CLOUD MGMT	FULLY MANAGED	CHASSIS												
Customer	Small			Small														
Switching	L2			L2/L2+/Lite L3	L2+/L3	L2/L3/L4												
10/100M	FS/JFS Series			FS Series	M4100													
1GbE	200/600/900	300	100	500	900	300/800	Click	100	400/500	S350	100	400/500	700	S3300	GC Series	M4100/M4200/M4250	M4300	M6100
1GbE w/10G SFP+				GS Series			S3300	GC Series										
1GbE w/10GbE and 10G SFP+							S3300											
10GbE				XS Series		XS Series								M4300	M6100			
Multi-gig	XSxxxM and GSxxxMX Series			GSxxxEMX and XSxxxEM Series			MS Series					M4200 /M4250						
Management	NA			Local GUI / NMS300 / Insight*				Insight / Local GUI		NMS300								

*Insight cloud management available on select Smart models

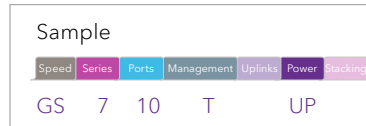
Switch Naming Convention - How to read the product code

Unmanaged and Plus



Speed	Series	Ports
FS/JFS Fast Ethernet	I Series (See below for legend)	08 Number of Ports
GS/JGS Gigabit Ethernet		
GSS Gigabit Ethernet ClickSwitch		
MS Multi-gigabit Ethernet (5-speed, up to 10G)		
XS 10-Gigabit Ethernet		
Management Type	Uplink Type	Power
E Plus	X 10-Gigabit uplinks	LP Low power PoE or PoE+
Unmanaged	M Multi-gigabit Ethernet (5-speed, up to 10G) Uplinks (GS-Series) or all ports (XS-Series)	P PoE or PoE+ PP High power PoE or PoE+ UP Ultra PoE++

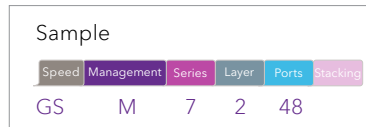
Smart and Smart w/Optional Remote/Cloud Switches*



Speed	Series	Ports	
FS Fast Ethernet	7 Series	52 Number of Ports	
GS Gigabit Ethernet			
GC Smart w/Default Remote/Cloud Gigabit Ethernet			
MS Multi-gigabit Ethernet (5-speed, up to 10G)			
XS 10-Gigabit Ethernet			
Management Type	Uplink Type	Power	Stacking
T Smart	X 10-Gigabit uplinks	LP Low power PoE P PoE or PoE+ PP High power PoE or PoE+ UP Ultra PoE++	S Hardware Stacking Note: GS728TX/XP & GS752TX/XP are also stackable, but do not have "S" in product code.

*Note: Optional Remote/Cloud management available on select Smart switches ("T"). All "GC" Switches support Remote/Cloud management by default.

Fully Managed Switches



Speed	Management Type	Series
GS Gigabit Ethernet	M Fully Managed	7 Switch Series
XS 10-Gigabit Ethernet		
CS 100-Gigabit Ethernet		
Layer	Ports	Stacking
3 Layer 3	28 Number of Ports	S Hardware Stacking
2 Layer 2+	24 Number of Ports	

Legend

- 1 = Desktop (ProSAFE, Insight)
- 4 = Easy-Mount
- 7 = Rackmount (17")
- 2 = Desktop Essentials (Plastic)
- 5 = Desktop/Rackmount (13")
- 8 = Nighthawk Pro Gaming (Desktop)
- 3 = Desktop Essentials (Metal)
- 6 = Desktop SOHO (Plastic)
- 9 = Desktop Lifestyle (Plastic)

A SHORT GUIDE TO NETGEAR SWITCHES MANAGEMENT

Just pick the type of management that is right for you

	Unmanaged <small>FOR HOME AND BUSINESS</small>	Plus <small>FOR HOME AND BUSINESS</small>	Smart S350 Series <small>FOR SMB NETWORKS</small>	Smart <small>FOR SMB NETWORKS</small>	Smart with Optional Cloud <small>FOR SMB NETWORKS</small>	Fully Managed <small>FOR SMALL NETWORK CORE, AV OVER IP, AND MID-ENTERPRISE EDGE</small>
Split a Single Ethernet Connection	•	•	•	•	•	•
Plug-and-Play	•	•	•	•	•	•
Easy to Use	•	•	•	•	•	•
Web GUI Management		•	•	•	•	•
Network Control (VLAN, QoS)		•	•	•	•	•
Network Security (Storm Control, Auto DoS)		•	•	•	•	•
Advanced VLAN & QoS		•	•	•	•	•
Advanced Security			•	•	•	•
Higher Performance			•	•	•	•
Static Routing				•	•	•
Advanced L2, L3, L4 Routing and Features				•	•	•
Insight Management					•	
Remote Cloud Management					•	
CLI Management						•
API for Third-Party Control						•
BEST HA & Redundancy						•
Premium Performance						•

POWER-OVER-ETHERNET WITH NETGEAR®

From wireless access points to network switches, NETGEAR provides a reliable, affordable, simple PoE solution for your business.

Power-over-Ethernet (PoE) is a revolutionary technology that is quickly being 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.

**NETGEAR's exclusive FlexPoE allows you to increase the PoE budget of the switch simply by purchasing a larger Power Supply.

PoE CLASS CHART				
PoE Class Chart	Min. power levels the PSE needs to provide	Min/Max power available to the PD ²	Class Description	Powered Devices (PD)
0 ¹	0.44W	0.44W-12.95W	Default power (15.4W)	Any that don't specify their class
1	4.0W	0.44W-3.84W	Very low power	IP Phone
2	7.0W	3.84W-6.49W	Low power	IP Camera
3	15.4W	6.49W-12.95W	Mid power	Wireless Access Point, video phone
4 (PoE+)	30.0W	12.95W-25.50W	High power	PTZ IP camera, dual-band 11ac or 11AX Wireless AP
5/6 (PoE++)	60.0W	25.5W-51W ³	Ultra high power	LED lighting, Audio Speakers, AV encoders, PTZ cameras, Wi-Fi 6 (11AX) high-end Access Points
7/8 (PoE+++)	90.0W	25.5W-71W ³		

PD CHART		
PD Product	Product Description	Power Consumption
GS105PE* (PD-Powered Device ONLY)	Gigabit Plus Switch	2W min, 6.5W max
GS108Tv3	Gigabit Smart Switch	5.5W
M4100-D12G (GSM5212)	12 x GbE + 4 Combo SFP Managed Switch	25W
WND930	Outdoor Dual-Band Wireless 11N Access Point	15.2W min, 43.8W max
WAC505	Insight Managed Smart Cloud Wireless Access Point	8.9W
WAC510	Insight Managed AC WiFi Access Point	9.3W
WAC540	Insight Managed Smart Cloud Tri-Band 4x4 Wireless Access Point	25.5W
WAC720	2 x 2 11ac Access Point	11.0W
WAC730	3 x 3 11ac Access Point	12.9W
WAC740	4 x 4 Wave 2 11ac Access Point	17.9W
WAX610	WiFi 6 AX1800 Dual-Band Multi-Gig Access Point	15.3W
WAX610Y	WiFi 6 AX1800 Dual-Band Multi-Gig Outdoor Access Point	16.1W
WAX214	WiFi 6 AX1800 Dual-Band Access Point	15.3W
WAX218	WiFi 6 AX3600 Dual-Band Access Point	30W

www.netgear.com/poe

¹ Default if not specified by device

² The maximum power delivered to the device is affected by the length of the Ethernet cable between the switch and the device, which creates losses, hence the difference between the maximum power allocated for the device, and the maximum power delivered to the device.

³ Extended power capability allows PD input power to reach up to 60W for Type 3 and up to 90W for Type 4 if channel length is known.

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

NETGEAR Switches with PoE/PoE+/UPoE/Ultra PoE++

Model	Ports	PoE Ports & Type	PoE Budget	PoE Auto-Balance	NETGEAR FlexPoE**
UNMANAGED SWITCHES					
FS108P	8 x FE	4	53W		
FS116P	16 x FE	8	70W		
GS305P	5 x GbE	4	55W	Yes	
GS305PP	5 x GbE	4 PoE+	83W	Yes	
GS108LP	8 x GbE	8 (PoE+)	60W** (up to 123W with EPS130W)	Yes	Yes
GS108PP	8 x GbE	8 PoE+	123W**	Yes	Yes
GS308P	8 x GbE	4	53W		
GS308PP	8 x GbE	8 (PoE+)	83W** (up to 123W with EPS130W)	Yes	Yes
GS116LP	16 x GbE	16 PoE+	76W** (up to 183W with EPS200W)	Yes	Yes
GS116PP	16 x GbE	16 PoE+	183W	Yes	Yes
GS316P	16 x GbE	16 (PoE+)	115W** (up to 183W with EPS200W)	Yes	Yes
GS316PP	16 x GbE	16 (PoE+)	183W**	Yes	Yes
GS324P	24 x GbE	16 PoE+	190W	Yes	
GS324PP	24 x GbE	24 PoE+	380W	Yes	
GS348PP	48 x GbE	24 (PoE+)	380W	Yes	
GSS16PP	16 x GE	16 PoE+	260W	Yes	
GSS16UP	16 x GE	16 PoE+, 8 Ultra60 PoE++	380W	Yes	
GSS24PP	24 x GE	24 PoE+	300W	Yes	
GSS24UP	24 x GE	24 PoE+, 16 Ultra60 PoE++	480W	Yes	
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	Yes	
GS108PE	8 x GbE	4	53W		
GS305EP	5xGbE	4 (PoE+)	63W	Yes	
GS305EPP	5xGbE	4 (PoE+)	120W	Yes	
GS308EP	8 x GbE	8 (PoE+)	62W	Yes	
GS308EPP	8 x GbE	8 (PoE+)	123W	Yes	
JGS516PE	16 x GbE	8	85W		
JGS524PE	24 x GbE	12	100W		
SMART / SMART CLOUD SWITCHES					
FS728TP	24 x FE + 2 x GbE + 2 x 1G combo SFP	24	192W		
GC108P	8 x GbE	8 PoE+	64W** (up to 126W with EPS130W)		Yes
GC108PP	8 x GbE	8 PoE+	126W**		Yes
GC110P	8 x GbE + 2 x 1G Dedicated SFP	8	62W		
GS110TPv3	8 x GbE + 2 x 1G Dedicated SFP	8 PoE+	55W		
GS110TPP	8 x GbE + 2 x GbE	8 PoE+	120W** (up to 190W with EPS200W)		Yes
GS110TUP	8 x GbE + 1 x GbE + 1 x 1G Dedicated SFP	4 Ultra60 PoE++, 4 PoE+	240W		
GS310TP	8 x GbE + 2 x 1G Dedicated SFP	8 PoE+	55W		
GSS10TLP	8 x GbE + 2 x 1G Dedicated SFP	8 PoE+	75W		
GC510P	8 x GbE + 2 x 1G Dedicated SFP	8 PoE+	134W		
GC510PP	8 x GbE + 2 x 1G Dedicated SFP	8 PoE+	195W		
GSS10TPP	8 x GbE + 2 x 1G Dedicated SFP	8 PoE+	190W		
MSS10TXPP	4 x GbE + 2 x 2.5GbE + 2 x 5GbE + 1 x 10GbE + 1 x 10G Dedicated SFP+	8 PoE+	180W		
GS710TUP	8 x GbE + 1 x GbE + 1 x 1G Dedicated SFP	8 Ultra60 PoE++	480W		
GS418TPP	16 x GbE + 2 x 1G Dedicated SFP	8 PoE+	240W		
GS716TP	16 x GbE + 2 x 1G Dedicated SFP	16 PoE+	180W		
GS716TPP	16 x GbE + 2 x 1G Dedicated SFP	16 PoE+	300W		
GS324TP	24 x GbE + 2 x 1G Dedicated SFP	24 PoE+	190W		
GS724TPv2	24 x GbE + 2 x 1G Dedicated SFP	24 PoE+	190W		
GS724TPP	24 x GbE + 2 x 1G Dedicated SFP	24 PoE+	380W		
GS728TPv2	24 x GbE + 4 x 1G Dedicated SFP	24 PoE+	190W		
GS728TPPv2	24 x GbE + 4 x 1G Dedicated SFP	24 PoE+	380W		
GC728XP	24 x GbE + 2 x 1G Dedicated SFP + 2 x 10G Dedicated SFP+	24 PoE+	390W		
GS752TPv2	48 x GbE + 4 x 1G Dedicated SFP	48 PoE+	380W		
GS752TPP	48 x GbE + 4 x 1G Dedicated SFP	48 PoE+	760W		
GC752XP	48 x GbE + 2 x 1G Dedicated SFP + 2 x 10G Dedicated SFP+	48 PoE+	505W		
MSS10TXUP	4 x 2.5G + 4 x 10G + 2 x 10G Dedicated SFP+	8 Ultra60PoE++	295W		Yes
STACKABLE SMART SWITCHES					
S3300-28X-POE+ (GS728TXP)	24 x GbE + 2 x 10GbE + 2 x 10G Dedicated SFP+	24 PoE+	195W and up to 720W with RPS		
S3300-52X-POE+ (GS752TXP)	48 x GbE + 2 x 10GbE + 2 x 10G Dedicated SFP+	48 PoE+	390W and up to 1400W with RPS		
GS752TPSB (incl. AGC761 stacking cable)	48 x GbE + 2 x 1G combo SFP + 4 x 1G/2.5G Dedicated SFP	48 (8 PoE+)	384W		
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		
M4250 AV LINE MANAGED SWITCHES (L2+ L3 REVERSIBLE)					
M4250-10G2F-PoE+ (GSM4212P)	10 x GbE + 2 x 1G Dedicated SFP	8 PoE+	125W		
M4250-10G2XF-PoE+ (GSM4212PX)	10 x GbE + 2 x 10G Dedicated SFP+	8 PoE+	240W		
M4250-10G2XF-PoE++ (GSM4212XU)	10 x GbE + 2 x 10G Dedicated SFP+	8 Ultra90 PoE++	720W		
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 (APS550W) 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 (APS1000W) 720W 2 PSUs		
M4300-52G-POE+ (GSM4352PA)	48 x GbE + 2 x 10GBASE-T + 2 x 10GBASE-X SFP+	48 (PoE+)	480W 1 PSU (APS550W) 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 (APS1000W) 1010W (110V) 1440W (220V) 2 PSUs		
M4300-16X (XSM4316PA)	16 x 100M/1G/2.5G/5G/10GBASE-T	16(PoE+)	199W 1 PSU (APS299W)		
M4300-16X (XSM4316PB)	16 x 100M/1G/2.5G/5G/10GBASE-T	16(PoE+)	500W 1 PSU (APS600W)		
M4300-96X (XSM4396K0)	Up to 96 x 100M/1G/2.5G/5G/10GBASE-T or SFP+; up to 24 x QSFP+	48 (PoE+)	484W (110V) 634W (220V) 1 PSU (APS1200W) 1440W (2 PSU) (APS1200W)		
RPS/EPS OPTIONS					
PRODUCT	DESCRIPTION	ORDERING SKU			
RPS4000	External / Redundant Power Supply (up to four switches - RPS or EPS mode)	RPS4000-200NES/200AJS			
APS1000W	Power Module for RPS4000	APS1000W-100NES /100AJS			

Actual power supplied by the PoE switch may vary due to Ethernet cable length. The switch's PoE budget requirement should be slightly higher than what the PD devices actually consume.

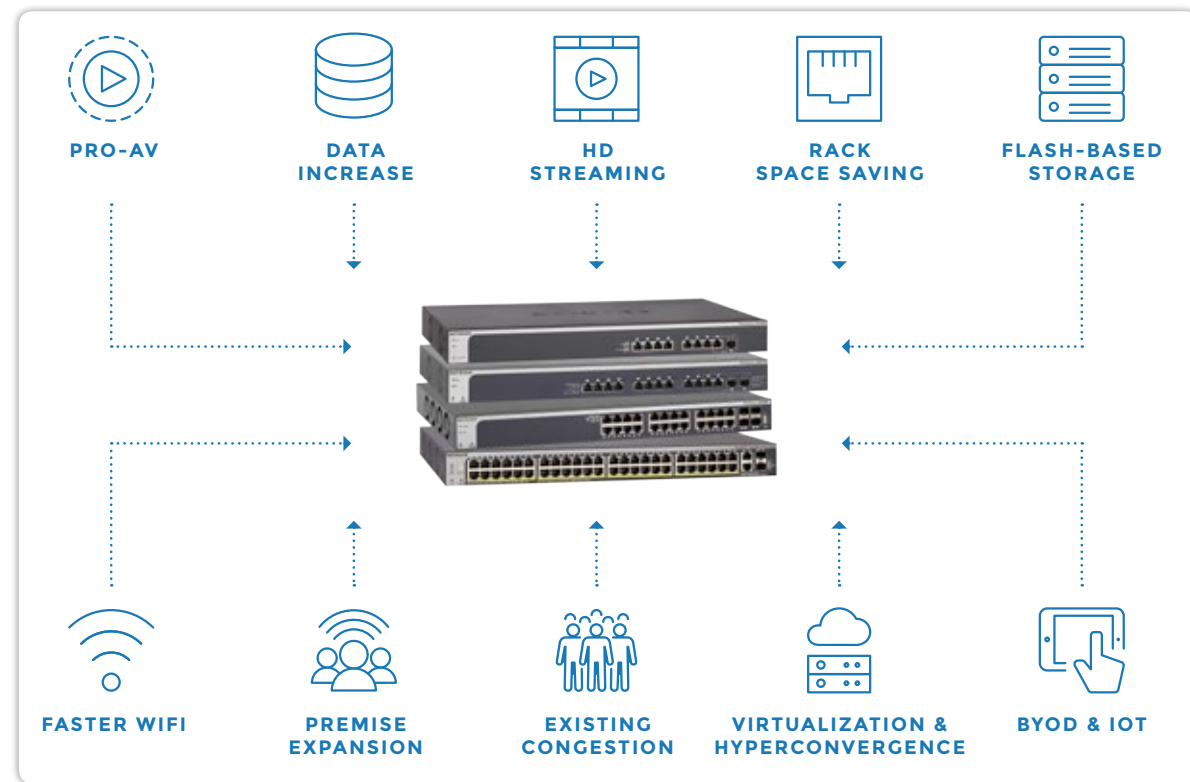
EXPERIENCE THE MOST COMPREHENSIVE AND AFFORDABLE FULL 10-GIGABIT BUSINESS SWITCH PORTFOLIO

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.

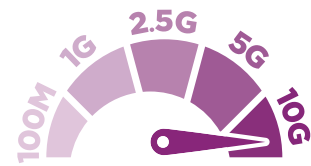


10-Gigabit fully managed switches for IT applications

MODEL NAME	M4300-8X8F	M4300-16X		M4300-12X12F	M4300-24X
MODEL NUMBER	XSM4316S	XSM4316PA	XSM4316PB	XSM4324S	XSM4324CS
MANAGEMENT	Full	Full		Full	Full
TOTAL 10GB PORTS	16	16		24	24
10GB COPPER PORTS	8	16		12	24
10GB SFP+ PORTS	8			12	4 Combo
FABRIC	320 Gbps	320 Gbps		480 Gbps	480 Gbps
HALF WIDTH	•	•		•	•
FULL WIDTH					
POE+		•			
SDVOE COMPLIANT	•	•		•	•

MODEL NAME	M4300-24XF	M4300-24X24F	M4300-48X	M4300-48XF	M4300-96X
MODEL NUMBER	XSM4324FS	XSM4348S	XSM4348CS	XSM4348FS	XSM4396K0
MANAGEMENT	Full	Full	Full	Full	Full
TOTAL 10GB PORTS	24	48	48	48	Up to 96
10GB COPPER PORTS	2 Combo	24	48	2 Combo	Up to 96 by multiples of 8
10GB SFP+ PORTS	24	24	4 Combo	48	Up to 96 by multiples of 8
FABRIC	480 Gbps	960 Gbps	960 Gbps	960 Gbps	1.920 Tbps
HALF WIDTH					
FULL WIDTH	•	•	•	•	•
POE+					•
SDVOE COMPLIANT	•	•	•	•	•

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	✓	✓	✓	✓

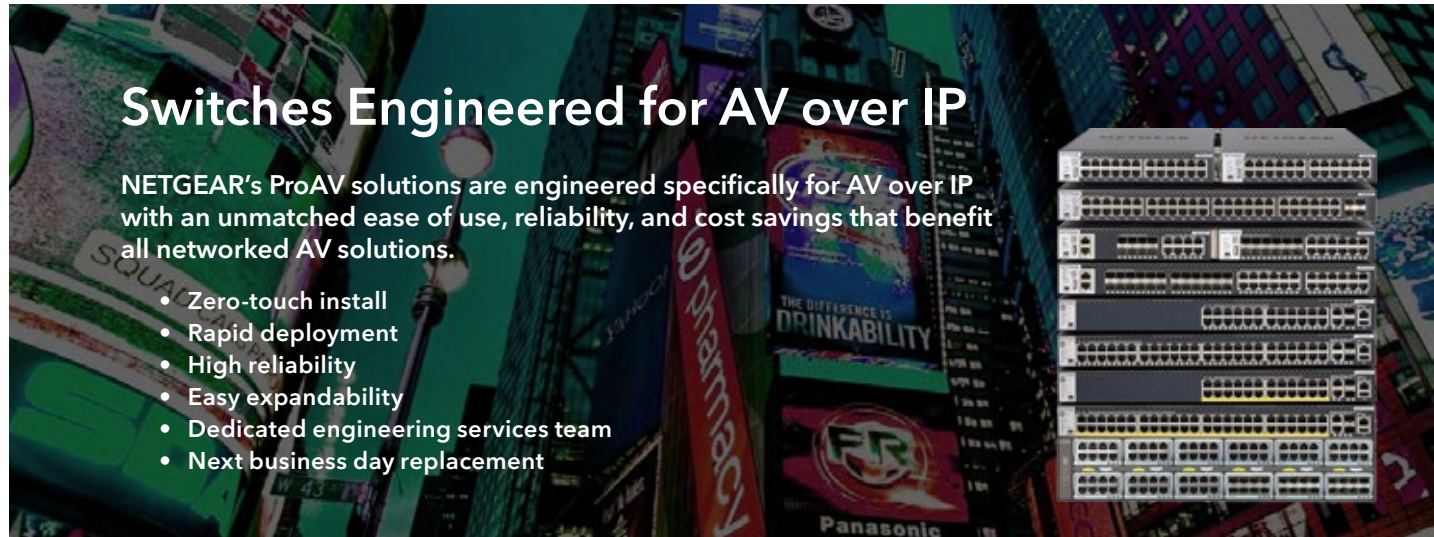
Multi-Gig vs 5-speed, what is the difference?

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	M4200-10MG-POE+	M4250-12M2XF	M4300-16X
# of Ports	5	8	10	10	12	24	10	10	10	14	16
# of 1G Ports			8	8			4	4			
# of 1G/2.5G Multi-Gig Ports							2	2	8	12	
# of 1G/2.5G/5G Multi-Gig Ports							2	2			
# of 10G Fiber Ports	1	1			2	2	1	1	2	2	
# of 5-Speed Ports (100M/1G/2.5G/5G/10G)	4	7	2	2	12	24	1	1			16
PoE+ Ports								8	8		16
Type of Management	Unmanaged	Unmanaged	Unmanaged	Plus	Plus	Plus	Smart	Smart	Fully Managed	Fully Managed	Fully Managed
Plug and Play	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Web Interface for Configuration				Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy Mount											



Switches Engineered for AV over IP

NETGEAR's ProAV solutions are engineered specifically for AV over IP with an unmatched ease of use, reliability, and cost savings that benefit all networked AV solutions.

- Zero-touch install
- Rapid deployment
- High reliability
- Easy expandability
- Dedicated engineering services team
- Next business day replacement

OVERVIEW

NETGEAR's commitment to AV over IP includes a range of products and dedicated support services. Our M4250, M4300 and M4500 series of high-performance, flexible switches are engineered for AV over IP.

NETGEAR Business has led the way for almost 25 years by successfully enabling more than 50 million businesses worldwide. We stand behind our sales partners and their customers through our community and support systems. The quality, reach, and value of our products and services is unmatched.

NETGEAR Business means solutions that fit your needs and your budget. Our comprehensive portfolio of switches enables you to order exactly the combination of fiber or copper ports you need now with room to expand for the future. Providing the ability to connect any type of AV over IP device, NETGEAR switches offer you flexible speed options from 1 Gigabit up to 100 Gigabits per port!

Certified Partners



APPLICATIONS

Video over IP

NETGEAR recognizes the explosion of video over Ethernet and has specifically designed products for AV over IP installations.

From NETGEAR IGMP Plus™, which allows out-of-the-box functionality for most all multicast installations, to modular switches accommodating copper, fiber, and HDMI inputs, we will work with you to find the right solution at the right price.



Audio over IP

The Pro AV world has adopted IP as their delivery method of choice and NETGEAR is here to help. Our switches provide range of sizes and mounting methods to accommodate any install - from the university campus to touring road show.

If you are using Dante or AVB (license required) in your audio deployment, you can trust that NETGEAR's Pro AV switches are designed to seamlessly integrate into your solution. Easy to use, easy to manage.



NETGEAR is a founding member of the Software Defined Video over Ethernet (SDVoE) alliance. A nonprofit consortium of technology providers collaborating to standardize the adoption of Ethernet to transport AV signals in professional AV environments, and to create an ecosystem around SDVoE technology allowing software to define AV applications.

Our switches are designed to accommodate the high bandwidth required for SDVoE-enabled products transporting high-resolution video, multi-channel audio, and control with negligible latency.

SUPPORT & DESIGN SERVICES

NETGEAR offers free design services to support partners as they design and deploy professional audio and video solutions which require IP networking infrastructure.

This dedicated Pro AV Engineering Services team of experts has been conceived to empower those who are designing and installing AV over IP systems by providing free network design assistance, training, and installation support.



ProSUPPORT for Business

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.

PRO AV TECHNICAL TRAINING

At NETGEAR we believe in working with our partners to empower them with the knowledge to create and sell solutions not just products. As part of this commitment, we offer a free 'Switching for AVoIP' training course. The user-paced online version provides an overview of many concepts of networking as it pertains to AV signals. Contact us for the possibility of an in-depth, in-person, learning experience with a qualified instructor.












Attendees will become a certified NETGEAR AVoIP Switch Installation Partner and have the skills necessary to configure and deploy NETGEAR Pro AV switching solutions. Successful completion also provides coveted AVIXA Renewal Credits.

Find out more:
www.netgear.com/proav







Pre-configured M4300 Ethernet Switches for AV over IP






MODEL NAME	 M4300-8X8F	 M4300-16X	 M4300-12X12F	 M4300-24X
MODEL NUMBER	XSM4316S	XSM4316PA XSM4316PB	XSM4324S	XSM4324CS
MANAGEMENT	Full	Full	Full	Full
TOTAL 10GB PORTS	16	16	24	24
10GB COPPER PORTS	8	16	12	24
10GB SFP+ PORTS	8		12	4 Combo
FABRIC	320 Gbps	320 Gbps	480 Gbps	480 Gbps
HALF WIDTH	•	•	•	•
FULL WIDTH				
POE+			•	
SDVOE COMPLIANT	•	•	•	•

MODEL NAME	 M4300-24XF	 M4300-24X24F	 M4300-48X	 M4300-48XF	 M4300-96X
MODEL NUMBER	XSM4324FS	XSM4348S	XSM4348CS	XSM4348FS	XSM4396K0
MANAGEMENT	Full	Full	Full	Full	Full
TOTAL 10GB PORTS	24	48	48	48	Up to 96
10GB COPPER PORTS	2 Combo	24	48	2 Combo	Up to 96 by multiples of 8
10GB SFP+ PORTS	24	24	4 Combo	48	Up to 96 by multiples of 8
FABRIC	480 Gbps	960 Gbps	960 Gbps	960 Gbps	1.920 Tbps
HALF WIDTH					
FULL WIDTH	•	•	•	•	•
POE+					•
SDVOE COMPLIANT	•	•	•	•	•



MODEL NAME	 M4300-28G	 M4300-52G	 M4300-28G-POE+		 M4300-52G-POE+	
MODEL NUMBER	GSM4328S	GSM4352S	GSM4328PA	GSM4328PB	GSM4352PA	GSM4352PB
10/100/1000 RJ45	24 Ports	48 Ports	24 Ports PoE+		48 Ports PoE+	
10GBASE-T RJ45	2 Ports	2 Ports	2 Ports		2 Ports	
1G/10G SFP+	2 Ports	2 Ports	2 Ports		2 Ports	
FORM FACTOR	Full Width					
RACK MOUNT	1-Unit in 1U					
POWER SUPPLY	Modular 2 Bays					
INCLUDED PSU	(1) APS150W		(1) APS550W	(1) APS1000W	(1) APS550W	(1) APS1000W
POE+			•	•	•	•

Pre-configured M4250 switches engineered for AV over IP, the AV Line

MODEL NAME	 M4250-10G2F-PoE+	 M4250-10G2XF-PoE+	 M4250-10G2XF-PoE++	 M4250-12M2XF	 M4250-16XF
MODEL NUMBER	GSM4212P	GSM4212PX	GSM4212UX	MSM4214X	XSM4216F
PRIMARY PORT SPEED	1G	1G	1G	2.5G	10G
1G COPPER PORTS	10	10	10		
2.5G COPPER PORTS				12	
SFP/SFP+ PORTS	2 (SFP)	2 (SFP+)	2 (SFP+)	2 (SFP+)	16 (SFP+)
POE TYPE	PoE+	PoE+	Ultra90 PoE++		
POE PORTS	8	8	8		
POE BUDGET	125W	240W	720W		
IGMP PLUS™ SUPPORT	•	•	•	•	•
AVB SUPPORT*	•	•	•	•	•
ACOUSTIC NOISE**	Fanless, Quiet mode (27.38dBA) or Cool mode (55dBA)	Fanless, Quiet mode (27.4dBA) or Cool mode (56dBA)	Fanless, Quiet mode (90W PoE, 34.57dBA) (180W PoE, 40dBA) (720W PoE, 47.19dBA) or Cool Mode (57dBA)	Fanless, Quiet mode (28.5dBA) or Cool mode (55dBA)	Fanless, Quiet mode (27.44dBA) or Cool mode (57dBA)
MANAGEMENT	AV UI, IT GUI, CLI	AV UI, IT GUI, CLI	AV UI, IT GUI, CLI	AV UI, IT GUI, CLI	AV UI, IT GUI, CLI
WARRANTY	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime

* Requires AVB license, sold separately. All other software features are available, license-free.

** Software-controlled fan adjustments enable the fans to be turned off when ambient temperature and PoE loads are appropriate for a totally fanless operation. dBA values are SPL (Sound Pressure Level) values, testing following the ISO-7779 standard. Bystander Mode. Chamber Temp 25°C during testing. Full, 100%, Data and PoE loaded. Worst case.

Unmanaged Switches - Plug-and-Play, No Configuration

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
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, Gigabit



MODEL	GS305	GS305P	GS305PP	GS308	GS308P	
Port Configuration	10M/100M RJ45 Copper Ports (Auto Uplink)					
	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	5	5	5	8	8
PoE	# of PoE Ports			4		
	Power Over Ethernet 802.3af Ports		4	4		4
	PoE Plus (30W) 802.3at Ports			4		
	Total PoE/PoE+ Budget		55.5W	83W		53W
Scalability	# MAC Addresses	2K	2K	2K	8K	4K
	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	10 Gbps	10 Gbps	10 Gbps	16 Gbps	16 Gbps
	Buffer Memory	128 KB	128 KB	128 KB	128 KB	192 KB
	Jumbo Frames	9,216 bytes	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)	2.89W (no PoE) 88.89W (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	Desktop, Wallmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal	Metal
	MTBF @ 25°C	3,831,422 hrs (437 yrs)	3,222,482 hrs (368 yrs)	6,710,127 hrs	3,711,898 hrs (424 yrs)	2,244,211 hrs (256 yrs)
	Fan(s)	None	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)	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)	0.41 kg (0.9 lb)	0.39 kg (0.86 lb)	0.46 kg (1.02 lb)
Electromagnetic Compliance	Class (A or B)	B	A	A	B	A
Warranty Hardware*		3 years	3 years	3 years	3 years	3 years
Warranty Power Supply		3 years	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	PMB0S11 PMB0S31 PMB0S51

Unmanaged Switches

Unmanaged, L2, 10/100 Fast Ethernet



MODEL	FS116P	JFS516	JFS524
Port Configuration	10M/100M RJ45 Copper Ports (Auto Uplink)	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
	MAC Address Aging (sec)	200 ~ 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
	Buffer Memory	256 KB	256 KB
	Jumbo Frames	not supported	2,048 bytes
Energy Efficiency	IEEE 802.3az	✓	✓
	Auto Port Power Down	✓	✓
	Max Power Consumption	10W (no PoE) 80W (with PoE max)	2.7W
Physical	Desktop/Rackmount/Click	Desktop/Wallmount	Desktop/Rackmount
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	546,673 hrs (62 yrs)	2,956,082 hrs (337 yrs)
	Fan(s)	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)
	Weight	0.90 kg (1.98 lb)	0.92 kg (2.03 lb)
Electromagnetic Compliance	Class (A or B)	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	PMB0511 PMB0531 PMB0551	PMB0511 PMB0531 PMB0551

Unmanaged Switches

Unmanaged, L2, Gigabit



MODEL	GS308PP	GS316	GS316P	GS316PP
Port Configuration	10M/100M RJ45 Copper Ports (Auto Uplink)			
	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	8	16	16
PoE	# of PoE Ports	8		16
	Power Over Ethernet 802.3af Ports	8		16
	PoE Plus (30W) 802.3at Ports	8		16
	Total PoE/PoE+ Budget	83W		115W
Scalability	# MAC Addresses	4K	16K	4K
	MAC Address Aging (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
Performance	Bandwidth	16 Gbps	32 Gbps	32 Gbps
	Buffer Memory	192 KB	768 KB	1MB
	Jumbo Frames	9,216 bytes	9,216 bytes	9,216 bytes
Energy Efficiency	IEEE 802.3az	✓	✓	✓
	Auto Power Down	✓	✓	✓
	Max Power Consumption	3.86W (no PoE) 90W (with PoE max)	8.4W	12.9W (no PoE) 130W (with PoE max)
Physical	Desktop/Rackmount/Click	Desktop, Wallmount	Desktop, Wallmount	Desktop, Wallmount
	Metal/Plastic Enclosure	Metal	Metal	Metal
	MTBF @ 25°C	2,752,476 hrs	9,041,798 hrs (1032 yrs)	2,362,192 hrs
	Fan(s)	None	None	None
	Width x Depth x Height	236 x 102 x 27 mm (9.3 x 4 x 1.1 in)	286 x 101 x 26 mm (11.3 x 4.0 x 1.0 in)	286 x 102 x 27 mm (11.3 x 4 x 1.1 in)
	Weight	0.6 kg (1.32 lb)	0.84 kg (1.86 lb)	0.88 kg (1.94 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A
Warranty Hardware*		3 years	3 years	3 years
Warranty Power Supply		3 years	3 years	3 years
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0512 PMB0532 PMB0552	PMB0512 PMB0532 PMB0552	PMB0512 PMB0532 PMB0552

Unmanaged Switches

Unmanaged, L2, Gigabit



MODEL	GS324	GS324P	GS324PP	
Port Configuration	10M/100M RJ45 Copper Ports (Auto Uplink)	0	0	
	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	24	24	
PoE	# of PoE Ports	16	24	
	Power Over Ethernet 802.3af Ports	16	24	
	PoE Plus (30W) 802.3at Ports	16	24	
	Total PoE/PoE+ Budget	190W	380W	
Scalability	# MAC Addresses	8K	8K	
	MAC Address Aging (sec)	300 ~ 600 sec	300-450 sec	
Quality of Service	Number of Priority Queues			
	Traffic Prioritization	802.1p based QoS/CoS	802.1p based QoS/CoS	
Performance	Bandwidth	48 Gbps	48 Gbps	
	Buffer Memory	512 KB	192KB	
	Jumbo Frames	9,216 bytes	10,000 bytes	
Energy Efficiency	IEEE 802.3az	✓	✓	
	Auto Power Down	✓	✓	
	Max Power Consumption	11.1W	210W	
Physical	Desktop/Rackmount/Click	Desktop, Wallmount, Rackmount	Desktop, Rackmount	
	Metal/Plastic Enclosure	Metal	Metal	
	MTBF @ 25°C	620,798 hrs (71 yrs)	1,193,574 hrs	
	Fan(s)	None	1	
	Width x Depth x Height	252 x 180 x 44 mm (9.9 x 7.1 x 1.7 in)	330 x 206 x 43 mm (12.99 x 8.12 x 1.69 in)	440 x 204 x 43 mm (17.32 x 8.03 x 1.69 in)
	Weight	1.31 kg (2.90 lb)	2.44 kg (5.28 lb)	3.30 kg (7.26 lb)
Electromagnetic Compliance	Class (A or B)	A	A	
Warranty Hardware*	3 years	3 years	3 years	
Warranty Power Supply	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	PMB0512 PMB0532 PMB0552	PMB0312 PMB0332 PMB0352	

Unmanaged Switches

Unmanaged, L2, Gigabit



MODEL	GS348	GS348PP	GS908	
Port Configuration	10M/100M RJ45 Copper Ports (Auto Uplink)			
	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	48	8	
PoE	# of PoE Ports	24		
	Power Over Ethernet 802.3af Ports	24		
	PoE Plus (30W) 802.3at Ports	24		
	Total PoE/PoE+ Budget	380W		
Scalability	# MAC Addresses	8K	8K	
	MAC Address Aging (sec)	300 sec	300-450 sec	
Quality of Service	Number of Priority Queues			
	Traffic Prioritization	802.1p based QoS/CoS	802.1p based QoS/CoS	
Performance	Bandwidth	96 Gbps	16.0 Gbps	
	Buffer Memory	1.5 MB	128 KB	
	Jumbo Frames	9,216 bytes	12,888 bytes	
Energy Efficiency	IEEE 802.3az	✓	✓	
	Auto Power Down	✓	✓	
	Max Power Consumption	23W	410W	
Physical	Desktop/Rackmount/Click	Desktop, Rackmount	Desktop, Wallmount	
	Metal/Plastic Enclosure	Metal	Plastic	
	MTBF @ 25°C	1,094,297 hrs (125 yrs)	570,972 hrs	
	Fan(s)	None	2	
	Width x Depth x Height	440 x 202 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)	234 x 164 x 33 mm (9.2 x 6.5 x 1.3 in)
	Weight	3.15 kg (6.95 lb)	4.56kg (10.05lb)	0.36 kg (0.80 lb)
Electromagnetic Compliance	Class (A or B)	A	B	
Warranty Hardware*	3 years	3 years	3 years	
Warranty Power Supply	Internal (same as switch)	3 years	3 years	
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0512 PMB0532 PMB0552	PMB0511 PMB0531 PMB0551	

Unmanaged Switches

Unmanaged, L2, Gigabit



MODEL	GS105	GS108	GS108LP	GS108PP
Port Configuration	10M/100M 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			
	MAC Address Aging (sec)			
Quality of Service	Number of Priority Queues			
	Traffic Prioritization			
Performance	Bandwidth			
	Buffer Memory			
	Jumbo Frames			
Energy Efficiency	IEEE 802.3az			
	Auto Port Power Down			
	Max Power Consumption			
Physical	Desktop/Rackmount/Click			
	Metal/Plastic Enclosure			
	MTBF @ 25°C			
	Fan(s)			
	Width x Depth x Height			
	Weight			
Electromagnetic Compliance	Class (A or B)			
Warranty Hardware*	Lifetime* Limited			
Warranty Power Supply	2 years			
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0511 PMB0531 PMB0551	PMB0511 PMB0531 PMB0551	PMB0512 PMB0532 PMB0552

Unmanaged Switches

Unmanaged, L2, Gigabit



MODEL	GS116	GS116LP	GS116PP	JGS516	JGS524
Port Configuration	10M/100M RJ45 Copper Ports (Auto Uplink)				
	16	16	16	16	24
PoE	# of PoE Ports				
	Power Over Ethernet 802.3af Ports				
	PoE Plus (30W) 802.3at Ports				
	Total PoE/PoE+ Budget				
Scalability	# MAC Addresses				
	MAC Address Aging (sec)				
Quality of Service	Number of Priority Queues				
	Traffic Prioritization				
Performance	Bandwidth				
	Buffer Memory				
	Jumbo Frames				
Energy Efficiency	IEEE 802.3az				
	Auto Port Power Down				
	Max Power Consumption				
Physical	Desktop/Rackmount/Click				
	Metal/Plastic Enclosure				
	MTBF @ 25°C				
	Fan(s)				
	Width x Depth x Height				
	Weight				
Electromagnetic Compliance	Class (A or B)				
Warranty Hardware*	Lifetime* Limited				
Warranty Power Supply	2 years				
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0512 PMB0532 PMB0552	PMB0512 PMB0532 PMB0552	PMB0512 PMB0532 PMB0552	PMB0512 PMB0532 PMB0552

Unmanaged Switches

Unmanaged, L2, Gigabit



MODEL	GS516PP	GS516UP	GS524PP	GS524UP
Port Configuration	10M/100M/1G RJ45 Copper Ports (Auto Uplink)			
	100M/1G/2.5G/5G/10G RJ45 Copper Ports (Auto Uplink)	16	16	24
PoE	# of PoE ports	16	16	24
	Power Over Ethernet 802.3af Ports	16	16	24
	PoE Plus (30W) 802.3at Ports	16	16	24
	Ultra60 PoE+ (60W) 802.3bt Ports		8	16
	Total PoE/PoE+ Budget	260W	380W	300W
Scalability	# MAC Addresses	8K	8K	8K
	MAC Address Aging (typical, sec)	300-450 sec	300-450 sec	300-450 sec
Quality of Service	Traffic Prioritization	802.1p based QoS/CoS	802.1p based QoS/CoS	802.1p based QoS/CoS
Performance	Bandwidth	32 Gbps	32 Gbps	48 Gbps
	Buffer Memory	192 KB	192 KB	192 KB
	Jumbo Frames	9,216 bytes	9,216 bytes	9,216 bytes
Energy Efficiency	IEEE 802.3az	✓	✓	✓
	Auto Port Power Down	✓	✓	✓
	Max Power Consumption	316.1W	456.8W	359.5W
Physical	Desktop/Rackmount/Click	Desktop/ Rackmount	Desktop/ Rackmount	Desktop/ Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal
	MTBF @ 25°C	2415334 hrs	1213791 hrs	1457063 hrs
	Fan(s)	2	3	2
	Width x Depth x Height	330 x 207 x 43 mm (12.99 in. x 8.15 in. x 1.7 in.)	330 x 207 x 43 mm (12.99 in. x 8.15 in. x 1.7 in.)	390 x 220 x 43 mm (15.4 in. x 8.7 in. x 1.7 in.)
	Weight	2.30kg (5.07 lb)	2.60kg (5.73 lb)	2.89kg (6.37 lb)
Electromagnetic Compliance	(Class A or B)	A	A	A
Warranty	Hardware/Switch	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited
	Power Supply	Internal (same as switch)	Internal (same as switch)	Internal (same as switch)
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year	PMB0311-10000S	PMB0311-10000S	PMB0311-10000S
	OnCall 24x7 3-year	PMB0331-10000S	PMB0331-10000S	PMB0331-10000S
	OnCall 24x7 5-year	PMB0351-10000S	PMB0351-10000S	PMB0351-10000S

Unmanaged Switches

Unmanaged, L2, 10G/Multi-Gig Switches



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	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	16K
	MAC Address Aging (typical, sec)	300 sec	300 sec
Quality of Service	802.1p-based QoS/CoS	✓	✓
Performance	Total Bandwidth (Non-Blocking Fabric) (Gbps)	10 Gbps	56 Gbps
	Buffer Memory (Packet Buffer Size)	125 KB	128 KB
	Jumbo Frames	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
Physical	Desktop/Rackmount/Click	Desktop/Wallmount	Desktop/Wallmount/Rackmount
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	1,093,237 hrs (125 yrs)	1,145,157 hrs (131 yrs)
	Fan(s)	1	None
	Acoustic Noise @ 25°C	22.5dBA	22.5dBA
	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)
Weight	1.38 kg (3.04 lb)	1.49 kg (3.28 lb)	
Electromagnetic Compliance	(Class A or B)	B	B
Warranty	Hardware/Switch	Lifetime* Limited	Lifetime* Limited
	Power Supply	Internal (same as switch)	Internal (same as switch)
Modules	AFM735/AGM731/AGM732F/AGM734/AXC761 AXC763/AXM761/AXM762/AXM763/AXM764	AFM735/AGM731/AGM732F/AGM734/AXC761 AXC763/AXM761/AXM762/AXM763/AXM764	
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year	PMB0311	PMB0512
	OnCall 24x7 3-year	PMB0331	PMB0532
	OnCall 24x7 5-year	PMB0351	PMB0552

Plus Switches - Plug-and-Play, Basic Network Control, and Web Management

Plus, L2, Gigabit



MODEL		GS105E	GS105PE	GS108E	GS116E
Port Configuration	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	5	5	8	16
PoE	PoE (15.4W) 802.3af Ports		2		
	Total PoE/PoE+ Budget			PoE pass-thru: - With AT in: 19.0W - With AF in: 7.9W	
Scalability	# MAC Addresses	2K	2K	4K	16K
	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	Many-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 (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
Performance	Bandwidth	10 Gbps	10 Gbps	16 Gbps	32 Gbps
	Buffer Memory	128 KB	128 KB	192 KB	768 KB
	Jumbo Frames	9,216 bytes	9,216 bytes	9,720 bytes	9,216 bytes
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	64	64	32	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
	Physical	Desktop/Rackmount/Click	Desktop, Wallmount	Desktop, Wallmount	Desktop, Wallmount
Metal/Plastic Enclosure		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)
Fan(s)		None	None	None	None
Acoustic Noise at 25°C		0dB	0dB	0dB	0dB
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)
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)
Electromagnetic Compliance		Class (A or B)	B	B	B
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	PMB0S12 PMB0S32 PMB0S52

Plus Switches

Plus, L2, Gigabit



MODEL		GS305E	GS308E	GS305EP	GS305EPP
Port Configuration	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	5	8	5	5
PoE	PoE (15.4W) 802.3af Ports				
	Total PoE/PoE+ Budget			4	4
Scalability	# MAC Addresses	2K	4K	4K	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	One-to-One	One-to-One
Quality of Service	Number of Priority Queues	4	4	4	4
	Traffic Prioritization	802.1p, Port-based (CoS)	802.1p, Port-based (CoS)	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
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
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	64	32	64	64
	Port Trunking/Link Aggregation (Manual Static LAGs)			Static LAG	Static LAG
	Rate Limiting	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓
Energy Efficiency	IEEE 802.3az	✓	✓	✓	✓
	Auto Port Power Down			✓	✓
	Dynamic Power Consumption			✓	✓
	Max Power Consumption	2.6W	4.45W	6.0W (no PoE) 74.4W (with PoE max)	5.9W (no PoE) 141.4W (with PoE max)
Physical	Desktop/Rackmount/Click	Desktop, Wallmount	Desktop, Wallmount	Desktop, Wallmount	Desktop, Wallmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal
	MTBF @ 25°C	2,531,294 hrs	2,525,259 hrs	859,126 hrs	842,428 hrs
	Fan(s)	None	None	None	None
	Acoustic Noise at 25°C	0dB	0dB	0dB	0dB
	Width x Depth x Height	94 x 100 x 27 mm (3.7 x 3.9 x 1.1 in)	158 x 101 x 29 mm (6.2 x 4.0 x 1.1 in)	158 x 101 x 27 mm (6.2 x 4.0 x 1.1 in)	158 x 101 x 27 mm (6.2 x 4.0 x 1.1 in)
	Weight	0.25 kg (0.55 lb)	0.50 kg (1.10 lb)	0.49 kg (1.08lb)	0.49 kg (1.08lb)
	Electromagnetic Compliance	Class (A or B)	B	B	B
Warranty Hardware*		5 years	5 years	5 years	5 years
Warranty Power Supply		External (same as switch)	External (same as switch)	2 years	2 years
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0S11-10000S PMB0S31-10000S PMB0S51-10000S	PMB0S11-10000S PMB0S31-10000S PMB0S51-10000S	PMB0S11-10000S PMB0S31-10000S PMB0S51-10000S	PMB0S11-10000S PMB0S31-10000S PMB0S51-10000S

Plus Switches

Plus, L2, Gigabit



MODEL	GS308EP	GS308EPP	JGS516PE
Port Configuration	10M/100M/1G RJ45 Copper Ports (Auto Uplink) 8	8	16
PoE	PoE (15.4W) 802.3af Ports		8
	Total PoE/PoE+ Budget	8	85W
Scalability	# MAC Addresses	4K	4K
	Dynamic MAC	✓	✓
System Management	Single IP Management		✓
	Web Managed/GUI		✓
	DHCP (Client/Server)	DHCP Client	DHCP Client
	Port Mirroring	One-to-One	Many-to-One
Quality of Service	Number of Priority Queues	4	4
	Traffic Prioritization	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
Performance	Bandwidth	10 Gbps	10 Gbps
	Buffer Memory	192 KB	192 KB
	Jumbo Frames	9,216 bytes	9,216 bytes
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	64	100
	Port Trunking/Link Aggregation (Manual Static LAGs)	Static LAG	Static LAG
	Rate Limiting	✓	✓
	Broadcast Storm Control	✓	✓
Energy Efficiency	IEEE 802.3az	✓	✓
	Auto Port Power Down	✓	✓
	Dynamic Power Consumption	✓	✓
	Max Power Consumption	4.9W (no PoE) 74.7W (with PoE max)	4.5W (no PoE) 137.8W (with PoE max)
Physical	Desktop/Rackmount/Click	Desktop, Wallmount	Desktop, Rackmount
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	1,164,104 hr	853,770 hr
	Fan(s)	None	1
	Acoustic Noise at 25°C	0dB	24.5dB
	Width x Depth x Height	158 x 101 x 27 mm (6.2 x 4.0 x 1.1 in)	158 x 101 x 27 mm (6.2 x 4.0 x 1.1 in)
	Weight	0.39 kg (0.86lb)	0.40 kg (0.88lb)
Electromagnetic Compliance	Class (A or B)		A
Warranty Hardware*	5 years	5 years	Lifetime* Limited
Warranty Power Supply	2 years	2 years	Internal (same as switch)
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0511-10000S PMB0531-10000S PMB0551-10000S	PMB0512 PMB0532 PMB0552

Plus Switches

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	
PoE	PoE (15.4W) 802.3af Ports	12		
	Total PoE/PoE+ Budget	100W		
Scalability	# MAC Addresses	16K	16K	4K
	Dynamic MAC	✓	✓	✓
System Management	Single IP Management	✓	✓	✓
	Web Managed/GUI	✓	✓	✓
	DHCP (Client/Server)	DHCP Client	DHCP Client	DHCP Client
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One
Quality of Service	Number of Priority Queues	4	4	4
	Traffic Prioritization	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
Performance	Bandwidth	48 Gbps	48 Gbps	16 Gbps
	Buffer Memory	768 KB	768 KB	192 KB
	Jumbo Frames	9,216 bytes	9,216 bytes	9,216 bytes
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	100	100	4096
	Port Trunking/Link Aggregation (Manual Static LAGs)	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
Physical	Desktop/Rackmount/Click	Desktop, Rackmount	Desktop, Rackmount	Desktop, Wallmount
	Metal/Plastic Enclosure	Metal	Metal	Plastic
	MTBF @ 25°C	243,476 hrs (28 yrs)	643,506 hrs (74 yrs)	1,055,076 hrs (121 yrs)
	Fan(s)	None	1	None
	Acoustic Noise at 25°C	0dB	24.5dB	0dB
	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)
	Weight	1.4 kg (3.09 lb)	1.84 kg (4.06 lb)	0.36 kg (0.80 lb)
Electromagnetic Compliance	Class (A or B)	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
Modules			AGM731F/AGM732F/AGM734	
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0512 PMB0532 PMB0552	PMB0512 PMB0532 PMB0552	PMB0311 PMB0331 PMB0351

Plus Switches

Plus, L2, Gigabit with 10G/Multi-Gig Uplinks Plus, L2, 10G/Multigig



MODEL	GS110EMX	XS512EM	XS724EM
Port Configuration	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	8	
	1G/10GBASE-T RJ45 Copper Ports (Auto Uplink)		
	100M/1G/2.5G/5G/10G RJ45 Copper Ports (Auto Uplink)		12
	10G SFP+ Fiber Ports		24
Scalability	# MAC Addresses	16K	32K
	Dynamic MAC	✓	✓
System Management	Single IP Management	✓	✓
	Web Managed/GUI	✓	✓
	DHCP (Client/Server)	DHCP Client	DHCP Client
	Port Mirroring	Many-to-One	Many-to-One
Quality of Service	Number of Priority Queues	8	8
	Traffic Prioritization	802.1p, Port-based (CoS)	802.1p, Port-based (CoS)
Multicast Filtering	IGMP Snooping Version	v1, v2 and v3	v1, v2 and v3
Performance	Bandwidth	56 Gbps	240 Gbps
	Buffer Memory	2 MB	3 MB
	Jumbo Frames	10,240 bytes	9,216 bytes
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	64	64
	Port Trunking/Link Aggregation (Manual Static LAGs)	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
Physical	Desktop/Rackmount/Click	Desktop, Rackmount	Desktop, Rackmount
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	1,572,337 hrs (180 yrs)	1,113,477 hrs (127 yrs)
	Fan(s)	None	2
	Acoustic Noise at 25°C	0dB	Idle: 29.13dB@25dC/ Full load: 40.85dB@55dC
	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)
	Weight	0.75 kg (1.65 lb)	2.51 kg (5.54 lb)
Electromagnetic Compliance	Class (A or B)	B	A
Warranty Hardware*	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited
Warranty Power Supply	2 years	Internal (same as switch)	Internal (same as switch)
Modules		AGM731F/AGM732F/AGM734 AXM761/AXM762/AXM763 AXM764/AXC753 /AXC761 AXC763	AGM731F/AGM732F/AGM734 AXM761/AXM762/AXM763 AXM764/AXC753 /AXC761 AXC763
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0512 PMB0532 PMB0552	PMB0312 PMB0332 PMB0352

Plus Switches

Plus, L2, 10G Ethernet L2, Click Switch and Easy-Mount



MODEL	XS708EV2	XS716E	GSS116E
Port Configuration	10M/100M/1G RJ45 Copper Ports (Auto Uplink)		16
	1G/10GBASE-T RJ45 Copper Ports (Auto Uplink)	8	16
	10G SFP+ Fiber Ports	1 Combo SFP+ (10G)	1 Combo SFP+ (10G)
PoE	PoE (15.4W) 802.3af Ports		
	Total PoE/PoE+ Budget		
Scalability	# MAC Addresses	16K	8K
	Web Managed/GUI	✓	✓
System Management	Single IP Management	✓	✓
	Web Managed/GUI	✓	✓
	DHCP (Client/Server)	DHCP Client	DHCP Client
	Port Mirroring	Many-to-one	Many-to-one
Quality of Service	Number of Priority Queues	4	4
	Traffic Prioritization	802.1p, Port-based (CoS)	802.1p, Port-based (CoS)
Multicast Filtering	IGMP Snooping Version	v1, v2	v1, v2 and v3
Performance	Bandwidth	160 Gbps	32 Gbps
	Buffer Memory	16 MB	512 KB
	Jumbo Frames	9,216 bytes	9,216 bytes
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	64	128
	Port Trunking/Link Aggregation (Manual Static LAGs)		Static LAG
	Rate Limiting	✓	✓
	Broadcast Storm Control	✓	✓
Energy Efficiency	IEEE 802.3az	✓	✓
	Auto Port Power Down	✓	✓
	Dynamic Power Consumption		✓
	Max Power Consumption	44W	62W
Physical	Desktop/Rackmount/Click	Desktop, Rackmount	Anywhere (except Rackmount)
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	397,731 hrs (45 yrs)	348,257 hrs (40 yrs)
	Fan(s)	2	2
	Acoustic Noise at 25°C	36.7dB	33.9dB
	Width x Depth x Height	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	2.80 kg (6.17 lb)	3.20 kg (7.07 lb)
Electromagnetic Compliance	Class (A or B)	A	B
Warranty Hardware*	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited
Warranty Power Supply	Internal (same as switch)	Internal (same as switch)	Internal (same as switch)
Modules		AGM731F/AGM732F/AGM734 AXM761/AXM762/AXM763 AXM764/AXC753 /AXC761 AXC763	AGM731F/AGM732F/AGM734 AXM761/AXM762/AXM763 AXM764/AXC753 /AXC761 AXC763
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0311 PMB0331 PMB0351	PMB0512 PMB0532 PMB0552

Smart Switches - Advanced Network Control & Security with Web Management

Smart, 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
	Jumbo Frames	9,216	9,216
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
	RPS Redundant Power Supply		
Traffic Management	Modular Power Supply		
	Number of 802.1q VLAN/Number of VLAN Group	128	128
	Link Aggregation 802.3ad/LACP	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓
	Rate Limiting	✓	✓
L3 Routing	Broadcast Storm Control	✓	✓
	IPv4 Static Routing		
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP		
	IPv6 Static Routing, IPv6 OSPFv3		
Security	IPv4 / IPv6 Multicast Routing PIM-SM/DM		
	IEEE 802.1x (RADIUS)	Supports	Supports
	ACL - Access Control Lists	MAC, IP	MAC, IP
	SSL/SSH & HTTPS		✓
	Guest VLAN	✓	✓
Energy Efficiency	DHCP Snooping/IP Source Guard/ARP Guard		✓
	TACACS+		✓
	IEEE 802.3az	✓	✓
	Auto Port Power Down	✓	✓
	Dynamic Power Consumption		✓
Physical	Max Power Consumption	124W	256W
	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	PMB0311	PMB0311
	OnCall 24x7 3-year	PMB0331	PMB0331
	OnCall 24x7 5-year	PMB0351	PMB0351

Smart Switches

Smart - S350 Series



MODEL		GS308T	GS310TP	GS324T	GS324TP	GS348T
Port Configuration	10/100 RJ45 Ports (Auto Uplink)					
	10/100/1000 RJ45 Ports (Auto Uplink)	8	8	24	24	48
	Fiber Ports		2 SFP	2 SFP	2 SFP	4 SFP
	10Gig Module Bays					
PoE	Power Over Ethernet 802.3af Ports					
	PoE Plus (30W) 802.3at Ports		8		24	
	Total PoE Budget		55 Watts		190 Watts	
Scalability	# MAC Addresses	8000	8000	16000	16000	16000
	ARP Table - Size of					
	# Routing Entries					
	# ACL Rules	100	100	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	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
Quality of Service	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	✓	✓			
	Number of Priority Queues	8	8	4	4	8
	Traffic Prioritization	802.1p, DSCP, TCP/UDP Diffserv	802.1p, DSCP, TCP/UDP Diffserv	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	v1, v2, v3	v1, v2, v3
Performance	IGMP Snooping Querier	✓	✓	✓	✓	✓
	Bandwidth	16 Gbps	20 Gbps	52 Gbps	52 Gbps	104 Gbps
	Buffer Memory	512 KB Per Unit	512 KB Per Unit	512 KB Per Unit	512 KB Per Unit	1.5MB Per Unit
Availability	Jumbo Frames	10,000	10,000	9,216	9,216	9,216
	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	64	64	64	64	64
	Link Aggregation 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	MAC, IP
	SSL/SSH & HTTPS	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	6.4 Watts	15.1 Watts without PoE 69.3 Watts with PoE Max	13.5 Watts	16.3 Watts without PoE 229.9 Watts with PoE Max	39.1 Watts
Physical	Desktop/Rackmount/Click	Desktop	Desktop	Rackmount	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal	Metal
	MTBF @ 25°C	2,957,592 hrs (337 yrs)	1,081,119 hrs (123yrs)	1,999,946.7 hrs (228 yrs)	1,328,429.4 hrs (152 yrs)	1,271,842 hrs (145 yrs)
	Fan(s)	None	None	None	2	1
	Acoustic Noise @ 25°C	0 dBA	0 dBA	0 dBA	32.8 dBA	26.0 dBA
	Width x Depth x Height	158 x 101 x 30 mm (6.2 x 4.0 x 1.2 in)	236 x 101 x 30 mm (9.3 x 4.0 x 1.2 in)	328 x 169 x 43 mm (12.9 x 6.7 x 1.7 in)	330 x 206 x 43 mm (13 x 8.1 x 1.7 in)	440 x 206 x 43 mm (17.3 x 8.1 x 1.7 in)
	Weight	0.41kg (0.9 lb)	0.61kg (1.34 lb)	1.62kg (3.57 lb)	2.69 kg (5.93 lb)	3.05 kg (6.72 lb)
	Electromagnetic Compliance	Class (A or B)	B	B	B	B
Warranty Hardware*		5 year	5 year	5 year	5 year	
Warranty Power Supply		2 year	2 year	5 year	5 year	
Modules			AGM731F/AGM732F/AGM734	AGM731F/AGM732F/AGM734	AGM731F/AGM732F/AGM734	AGM731F/AGM732F/AGM734
	ProSUPPORT Maintenance PKGS***	OnCall 24x7 3-year	PMB0531	PMB0532	PMB0532	PMB0331

Smart Switches

Smart, L2, Gigabit



MODEL	GS108Tv2	GS110TPv2	GS716Tv3
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	8	8
	Fiber Ports	2 SFP	2 dedicated SFP
PoE	Power Over Ethernet 802.3af Ports	8	8
	PoE Plus (30W) 802.3at Ports		
	Total PoE Budget	46W	46W
Scalability	# MAC Addresses	8,000	8,000
	ARP Table - Size of		512
	# Routing Entries		32
	# ACL Rules	100	100
System Management	Web Managed/GUI	✓	✓
	Insight Management	✓	✓
	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
	IPv6 full set		✓
Quality of Service	Number of Priority Queues	4	4
	Traffic Prioritization	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv
	Auto Voice VLAN	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓
Performance	Bandwidth	16 Gbps	16 Gbps
	Buffer Memory	512 KB Per Unit	512 KB Per Unit
	Jumbo Frames	10,000	10,000
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	64	64
	Link Aggregation 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
	SSL/SSH & HTTPS	HTTPS	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	12.78W if powered by PoE via port 18.3W (AC) 6W(DC)	60W
			14.4W
Physical	Desktop/Rackmount/Click	Desktop	Desktop
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	275,533 hrs (31 yrs)	157,004 hrs (18 yrs)
	Fan(s)	None	None
	Acoustic Noise @ 25°C	0dBA	0dBA
	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)
	Weight	0.56 kg (1.23 lb)	0.70 kg (1.54 lb)
Electromagnetic Compliance	Class (A or B)	A	A
Warranty Hardware	Lifetime	Lifetime	Lifetime
Warranty Power Supply	2 years	2 years	Lifetime
Modules		AGM731F/732F	AGM731F/732F
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year	PMB0511	PMB0512
	OnCall 24x7 3-year	PMB0531	PMB0532
	OnCall 24x7 5-year	PMB0551	PMB0552

Smart Switches

Smart, L2+ with static routing, Gigabit



MODEL	GS510TLP	GS510TPP	GS418TPP
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	8	8
	Fiber Ports	2	2
PoE	Power Over Ethernet 802.3af Ports	8	8
	PoE Plus (30W) 802.3at Ports		
	Total PoE Budget	75W	190W
Scalability	# MAC Addresses	16K	16K
	ARP Table - Size of	479	479
	# Routing Entries	32	32
	# ACL Rules	100	100
System Management	Single IP Management	✓	✓
	Web Managed/GUI	Yes	Yes
	SNMP Version	v1, v2c, v3	v1, v2c, v3
	RMON Group	Yes	Yes
	DHCP (Client/Server)	Client	Client
	Port Mirroring	Yes	Yes
	IPv6 full set	Yes	Yes
Quality of Service	Number of Priority Queues	8	8
	Traffic Prioritization	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv
	Auto Voice VLAN	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓
Performance	Bandwidth	20 Gbps	20 Gbps
	Buffer Memory	1.5 MB per system	1.5 MB per system
	Jumbo Frames	9,216	9,216
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		
	Link Aggregation 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/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
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	913,368 hrs (104 yrs)	1,509,979 hrs (172 yrs)
	Fan(s)	None	1
	Acoustic Noise @ 25°C	0dBA	32dBA
	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)
Electromagnetic Compliance	Class (A or B)	A	A
Warranty Hardware	Lifetime	Lifetime	Lifetime
Warranty Power Supply	Lifetime	Lifetime	Lifetime
Modules		AFM735/AGM731F/AGM732F/AGM734	AFM735/AGM731F/AGM732F/AGM734
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year	PMB0512	PMB0311
	OnCall 24x7 3-year	PMB0532	PMB0331
	OnCall 24x7 5-year	PMB0552	PMB0351

Smart Switches

Smart, L2+ with static routing, Gigabit



MODEL	GS724Tv4	GS748Tv5	GS716TP	GS716TPP
Port Configuration	10/100 RJ45 Ports (Auto Uplink)			
	10/100/1000 RJ45 Ports (Auto Uplink)			
	Fiber Ports			
PoE	2 dedicated SFP			
	2 dedicated and 2 combo SFP			
	2 dedicated SFP			
	2 dedicated SFP			
Power Over Ethernet 802.3af Ports	16			
	16			
	16			
	16			
Total PoE Budget	180 Watts			
	300 Watts			
	300 Watts			
Scalability	# MAC Addresses			
	16,000			
	16,000			
	16,000			
	16,000			
System Management	ARP Table - Size of			
	512			
	512			
	32			
	32			
	100			
	100			
	100			
	100			
	100			
Optional Unified Network Management	Discovery, setup, monitoring and management via NETGEAR Insight mobile app or Insight Cloud Portal			
	Remote/Cloud management			
	Centralized network configuration (policies) across Insight Managed Switches, Wireless Access Points, and Business-class ReadyNAS Storage			
	Additional devices auto-join and inherit network configuration (zero-touch provisioning)			
	Multi-site, multi-network management in a single pane-of-glass view			
	Multi-site, multi-network management in a single pane-of-glass view			
	Multi-site, multi-network management in a single pane-of-glass view			
	Multi-site, multi-network management in a single pane-of-glass view			
	Multi-site, multi-network management in a single pane-of-glass view			
	Multi-site, multi-network management in a single pane-of-glass view			
Quality of Service	Number of Priority Queues			
	8			
	8			
Traffic Prioritization	802.1p, DSCP, Diffserv			
	802.1p, DSCP, Diffserv			
	802.1p, DSCP, Diffserv, TCP/UDP			
Auto Voice VLAN	802.1p, DSCP, Diffserv, TCP/UDP			
	802.1p, DSCP, Diffserv, TCP/UDP			
Multicast Filtering	IGMP Snooping Version			
	v1, v2, v3			
	v1, v2, v3			
Performance	Bandwidth			
	48 Gbps			
	100 Gbps			
Availability	Buffer Memory			
	2 MB Per System			
	2 MB Per System			
Traffic Management	Spanning Tree 802.1d/RSTP .1w/MSTP .1s			
	802.1d, .1w, .1s			
	802.1d, .1w, .1s			
L3 Routing	Number of 802.1q VLAN/Number of VLAN Group			
	256			
	256			
Security	Link Aggregation 802.3ad/LACP			
	✓			
	✓			
Energy Efficiency	Discovery Protocol LLDP 802.1ab			
	✓			
	✓			
Physical	Rate Limiting			
	✓			
	✓			
Warranty Hardware	Broadcast Storm Control			
	✓			
	✓			
Warranty Power Supply	IPv4 Static Routing			
	✓			
	✓			
Modules	IEEE 802.1x (RADIUS)			
	✓			
	✓			
ProSUPPORT Maintenance PKGS	ACL - Access Control Lists			
	MAC, IP			
	MAC, IP, TCP			
ProSUPPORT Maintenance PKGS	SSL/SSH & HTTPS			
	SSL/HTTPS			
	HTTPS			
ProSUPPORT Maintenance PKGS	Guest VLAN			
	✓			
	✓			
ProSUPPORT Maintenance PKGS	DHCP Snooping/IP Source Guard/ARP Guard			
	✓			
	✓			
ProSUPPORT Maintenance PKGS	TACACS+			
	✓			
	✓			
ProSUPPORT Maintenance PKGS	IEEE 802.3az			
	✓			
	✓			
ProSUPPORT Maintenance PKGS	Auto Port Power Down			
	✓			
	✓			
ProSUPPORT Maintenance PKGS	Dynamic Power Consumption			
	✓			
	✓			
ProSUPPORT Maintenance PKGS	Max Power Consumption			
	17.4W			
	41.1W			
ProSUPPORT Maintenance PKGS	Desktop/Rackmount/Click			
	Rackmount			
	Rackmount			
ProSUPPORT Maintenance PKGS	Metal/Plastic Enclosure			
	Metal			
	Metal			
ProSUPPORT Maintenance PKGS	MTBF @ 25°C			
	567,680 hrs (65 yrs)			
	390,728 hrs (45 yrs)			
ProSUPPORT Maintenance PKGS	Fan(s)			
	None			
	2			
ProSUPPORT Maintenance PKGS	Acoustic Noise @ 25°C			
	0dBA			
	37.2dBA			
ProSUPPORT Maintenance PKGS	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)			
ProSUPPORT Maintenance PKGS	Weight			
	2.87 kg (6.33 lb)			
	3.46 kg (7.63 lb)			
ProSUPPORT Maintenance PKGS	Electromagnetic Compliance			
	Class (A or B)			
	A			
ProSUPPORT Maintenance PKGS	Warranty Hardware			
	Lifetime			
	Lifetime			
ProSUPPORT Maintenance PKGS	Warranty Power Supply			
	Lifetime			
	Lifetime			
ProSUPPORT Maintenance PKGS	Modules			
	AGM731F/AGM732F/AGM734/AFM735 (for combo port only)			
	AGM731F/AGM732F/AGM734/AFM735 (for combo port only)			
ProSUPPORT Maintenance PKGS	ProSUPPORT Maintenance PKGS			
	OnCall 24x7 1-year			
	OnCall 24x7 3-year			
ProSUPPORT Maintenance PKGS	PMB0311			
	PMB0331			
	PMB0351			

Smart Switches

Smart, 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			
PoE	4 SFP			
	4 SFP			
	4 SFP			
Power Over Ethernet 802.3af Ports	48			
	8			
	8			
	8			
Total PoE Budget	384W			
	384W			
	384W			
Stacking	Number of Dedicated Stacking Ports			
	2 SFP (2.5G)			
	2 SFP (2.5G)			
	2 SFP (2.5G)			
Stacking Bandwidth	10 Gbps			
	10 Gbps			
	10 Gbps			
Stacking (maximum capacity)	6 units or 300 ports			
	6 units or 300 ports			
	6 units or 300 ports			
Stacking Compatibility	GS7XXTSB/GSXXTPSB			
	GS7XXTSB/GSXXTPSB			
	GS7XXTSB/GSXXTPSB			
Scalability	# MAC Addresses			
	16,000			
	16,000			
	16,000			
	16,000			
System Management	ARP Table - Size of			
	1,024			
	1,024			
	512			
	512			
Optional Unified Network Management	Discovery, setup, monitoring and management via NETGEAR Insight mobile app or Insight Cloud Portal			
	Remote/Cloud management			
	Centralized network configuration (policies) across Insight Managed Switches, Wireless Access Points, and Business-class ReadyNAS Storage			
	Additional devices auto-join and inherit network configuration (zero-touch provisioning)			
	Multi-site, multi-network management in a single pane-of-glass view			
	Multi-site, multi-network management in a single pane-of-glass view			
	Multi-site, multi-network management in a single pane-of-glass view			
	Multi-site, multi-network management in a single pane-of-glass view			
	Multi-site, multi-network management in a single pane-of-glass view			
	Multi-site, multi-network management in a single pane-of-glass view			
Quality of Service	Number of Priority Queues			
	8			
	8			
Traffic Prioritization	802.1p, DSCP, Diffserv			
	802.1p, DSCP, Diffserv			
	802.1p, DSCP, Diffserv, TCP/UDP			
Auto Voice VLAN	802.1p, DSCP, Diffserv, TCP/UDP			
	802.1p, DSCP, Diffserv, TCP/UDP			
Multicast Filtering	IGMP Snooping Version			
	v1, v2, v3			
	v1, v2, v3			
Performance	Bandwidth			
	104 Gbps			
	104 Gbps			
Availability	Buffer Memory			
	16 MB Per System			
	2 MB Per System			
Traffic Management	Spanning Tree 802.1d/RSTP .1w/MSTP .1s			
	802.1d, .1w, .1s			
	802.1d, .1w, .1s			
L3 Routing	Number of 802.1q VLAN/Number of VLAN Group			
	256			
	256			
Security	Link Aggregation 802.3ad/LACP			
	✓			
	✓			
Energy Efficiency	Discovery Protocol LLDP 802.1ab			
	✓			
	✓			
Physical	Rate Limiting			
	✓			
	✓			
Warranty Hardware	Broadcast Storm Control			
	✓			
	✓			
Warranty Power Supply	IPv4 Static Routing			
	✓			
	✓			
Modules	IEEE 802.1x (RADIUS)			
	✓			
	✓			
ProSUPPORT Maintenance PKGS	ACL - Access Control Lists			
	MAC, IP			
	MAC, IP, TCP			
ProSUPPORT Maintenance PKGS	SSL/SSH & HTTPS			
	HTTPS			
	HTTPS			
ProSUPPORT Maintenance PKGS	Guest VLAN			
	✓			
	✓			
ProSUPPORT Maintenance PKGS	DHCP Snooping/IP Source Guard/ARP Guard			
	✓			
	✓			
ProSUPPORT Maintenance PKGS	TACACS+			
	✓			
	✓			
ProSUPPORT Maintenance PKGS	IEEE 802.3az			
	✓			
	✓			
ProSUPPORT Maintenance PKGS	Auto Port Power Down			
	✓			
	✓			
ProSUPPORT Maintenance PKGS	Dynamic Power Consumption			
	✓			
	✓			
ProSUPPORT Maintenance PKGS	Max Power Consumption			
	77W			
	527W			
ProSUPPORT Maintenance PKGS	Desktop/Rackmount/Click			
	Rackmount			
	Rackmount			
ProSUPPORT Maintenance PKGS	Metal/Plastic Enclosure			
	Metal			
	Metal			
ProSUPPORT Maintenance PKGS	MTBF @ 25°C			
	303,219 hrs (35 yrs)			
	206,539 hrs (24 yrs)			
ProSUPPORT Maintenance PKGS	Fan(s)			
	2			
	2			
ProSUPPORT Maintenance PKGS	Acoustic Noise @ 25°C			
	34.8dBA			
	42.7dBA			
ProSUPPORT Maintenance PKGS	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)			
ProSUPPORT Maintenance PKGS	Weight			
	4.31 kg (11.38 lb)			
	5.48 kg (16.02 lb)			
ProSUPPORT Maintenance PKGS	Electromagnetic Compliance			
	Class (A or B)			
	A			
ProSUPPORT Maintenance PKGS	Warranty Hardware			
	Lifetime			
	Lifetime			
ProSUPPORT Maintenance PKGS	Warranty Power Supply			
	Lifetime			
	Lifetime			
ProSUPPORT Maintenance PKGS	Modules			
	AGM731F/AGM732F/AGM734/AGC761			
	AGM731F/AGM732F/AGM734/AGC761			
ProSUPPORT Maintenance PKGS	ProSUPPORT Maintenance PKGS			
	OnCall 24x7 1-year			
	OnCall 24x7 3-year			
ProSUPPORT Maintenance PKGS	PMB0312			
	PMB0332			
	PMB0352			

Smart Switches

Smart, 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	48 / 2 10GBase-T	
	Fiber Ports	2 SFP+ (10G)	2 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	
	Stacking Bandwidth	40 Gbps	40 Gbps	
	Stacking (maximum capacity)	6 units or 300 ports	6 units or 300 ports	
	Stacking Compatibility	S3300 series, M4300-12X12F, M4300-24X	S3300 series, M4300-12X12F, M4300-24X	
Scalability	# MAC Addresses	16,000	16,000	
	ARP Table - Size of	512	512	
	# Routing Entries	32	32	
	# ACL Rules	480	480	
System Management	Single IP 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/Relay)	Client/L2 Relay	Client/L2 Relay	
	Port Mirroring	Many-to-One	Many-to-One	
	IPv6 full set	✓	✓	
	Quality of Service	Number of Priority Queues	8	8
Multicast Filtering	Traffic Prioritization	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	
	Auto Voice VLAN	✓	✓	
Performance	Bandwidth	128 Gbps	176 Gbps	
	Buffer Memory	2 MB Per System	2 MB Per System	
Availability	Jumbo Frames	9,216	9,216	
	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 Aggregation 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		HTTPS	HTTPS	
Guest VLAN		✓	✓	
DHCP Snooping/IP Source Guard/ARP Guard		✓	✓	
TACACS+		✓	✓	
Energy Efficiency		IEEE 802.3az	✓	✓
Physical	Auto Port Power Down	✓	✓	
	Dynamic Power Consumption	✓	✓	
	Max Power Consumption	44.12W	1484.12W	
	Desktop/Rackmount/Click	Rackmount	Rackmount	
	Metal/Plastic Enclosure	Metal	Metal	
	MTBF @ 25°C	147,965 hrs (17 yrs)	216,809 hrs (25 yrs)	
	Fan(s)	3	2	
Electromagnetic Compliance	Acoustic Noise @ 25°C	36.8dBA	40dBA	
	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)	
	Weight	3.77 kg (8.30 lb)	3.55 kg (7.80 lb)	
	Class (A or B)	A	A	
	Warranty Hardware	Lifetime	Lifetime	
	Warranty Power Supply	Lifetime	Lifetime	
	Modules	AXM761/AXM762/AXM763 AXC761/AXC763 Requires 10G module for stacking	AXM761/AXM762/AXM763 AXC761/AXC763 Requires 10G module for stacking	AGM731F/AGM732F/AGM734/ AXM761/AXM762/AXM763/AXM764 AXC761/AXC763
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0312 PMB0332 PMB0352	PMB0313 PMB0333 PMB0353	

Smart Switches

Smart, L2+ with static routing, Multi-Gigabit

Smart, 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
PoE	Fiber Ports	1 SFP+ (10G)	1 SFP+ (10G)	2 Combo SFP+ (10G)
	10Gig Module Bays			2 Combo SFP+ (10G)
	Power Over Ethernet 802.3af Ports			
Stacking	PoE Plus (30W) 802.3at Ports		8 (PoE+)	
	Total PoE Budget		180W	
	Number of Dedicated Stacking Ports			
Scalability	Stacking Bandwidth			
	Stacking (maximum capacity)			
	Stacking Compatibility			
	# MAC Addresses	16,000	16,000	16,000
System Management	ARP Table - Size of	512	512	738
	# Routing Entries	32	32	32
	# ACL Rules	164	164	100
	Single IP Management			✓
Quality of Service	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
	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	✓	✓	✓
Multicast Filtering	Number of Priority Queues	8	8	8
	Traffic Prioritization	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP
Performance	Auto Voice VLAN	✓	✓	✓
	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3
Availability	IGMP Snooping Querier	✓	✓	✓
	Bandwidth	78 Gbps	78 Gbps	160Gbps
Traffic Management	Buffer Memory	1.5 MB Per System	1.5 MB Per System	2 MB Per System
	Jumbo Frames	10,240	10,240	9,216
L3 Routing	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
	RPS Redundant Power Supply	N/A	N/A	
	Number of 802.1q VLAN/Number of VLAN Group	256	256	256
	Link Aggregation 802.3ad/LACP	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓
	Rate Limiting	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓
Security	IPv4 Static Routing	✓	✓	✓
	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	EEE 802.3az	✓	✓	✓
	Auto Port Power Down	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓
	Max Power Consumption	26.1W	234.31W	49.5W
	Desktop/Rackmount/Click	Desktop/Rackmount	Desktop/Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal
	MTBF @ 25°C	1,078,683 hrs (123 yrs)	376,434 hrs (43 yrs)	276,197 hrs (32 yrs)
Physical	Fan(s)	1	1	2
	Acoustic Noise @ 25°C	21dBA	28.8dBA	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)
	Weight	1.42 kg (3.13 lb)	1.9 kg (4.19 lb)	2.87 kg (6.33 lb)
	Class (A or B)	A	A	A
	Warranty Hardware*	Lifetime	Lifetime	Lifetime
	Warranty Power Supply	Lifetime	Lifetime	Lifetime
Modules	AGM731F/AGM732F/AGM734/ AX...M761/AXM762/AXM764/ AXC761/AXC763	AGM731F/AGM732F/AGM734/ AXM761/AXM762/AXM764/ AXC761/AXC763	AGM731F/.../AGM732F/ AGM734/AXM761/AXM762/ AXM763/AXM764 AXC761/AXC763	AGM731F/AGM732F/AGM734/ AXM761/AXM762/AXM763/ AXM764 AXC761/AXC763
	ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0312 PMB0332 PMB0352	PMB0312 PMB0332 PMB0352

Smart Switches

Smart, 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
	Fiber Ports	2 Combo 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
	ARP Table - Size of	738	1,024
	# Routing Entries	32	64
	# ACL Rules	100	164
	Single IP Management	✓	✓
System Management	Web Managed/GUI	✓	✓
	Command Line Interface/RS232 Console/Telnet	✓	✓
Quality of Service	SNMP Version	v1, v2c, v3	v1, v2c, v3
	RMON Group	1,2,3,9	1,2,3,9
	DHCP (Client/Server/Relay)	Client/L2 Relay	Client/L2 Relay
	Port Mirroring	Many-to-One	Many-to-One
	IPv6 full set	✓	✓
	Number of Priority Queues	8	8
	Traffic Prioritization	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP
	Auto Voice VLAN	✓	✓
	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓
Performance	Bandwidth	320 Gbps	560 Gbps
	Buffer Memory	2 MB Per System	3 MB Per System
	Jumbo Frames	9,216	10,240
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .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
	Link Aggregation 802.3ad/LACP	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓
	Rate Limiting	✓	✓
	Broadcast Storm Control	✓	✓
L3 Routing	IPv4 Static Routing	✓	✓
	IEEE 802.1x (RADIUS)	✓	✓
Security	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	HTTPS	HTTPS
	Guest VLAN	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓
	TACACS+	✓	✓
	Auto Port Power Down	✓	✓
	Dynamic Power Consumption	✓	✓
Energy Efficiency	Max Power Consumption	96.0W	134.9W
	Desktop/Rackmount/Click	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	276,832 hrs (32 yrs)	514,977 hrs (59 yrs)
	Fan(s)	2	4
	Acoustic Noise @ 25°C	29.1dBA	41.6dBA
	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)
	Weight	2.98 kg (6.57 lb)	5.04 kg (11.11 lb)
	Class (A or B)	A	A
	Warranty Hardware	Lifetime	Lifetime
Lifetime		Lifetime	Lifetime
Modules	AGM731F/AGM732F/AGM734/AXM761/AXM762/AXM763/AXM764	AGM731F/AGM732F/AGM734/AXM761/AXM762/AXM763/AXM764	AGM731F/AGM732F/AGM734/AXM761/AXM762/AXM763/AXM764
	AXC761/AXC763	AXC761/AXC763	AXC761/AXC763
	PMB0312 PMB0332 PMB0352	PMB0312 PMB0332 PMB0352	PMB0313 PMB0333 PMB0353
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year		
	OnCall 24x7 3-year		
	OnCall 24x7 5-year		

Smart Switches with Optional Insight Remote/Cloud Management

Smart with Cloud, L2/L2+/L3 Lite, Gigabit



MODEL	GS108Tv3	GS110TPv3	GS110TPP
Port Configuration	10/100 RJ45 Ports (Auto Uplink)		
	10/100/1000 RJ45 Ports (Auto Uplink)	8	10
	Fiber Ports		2 SFP
PoE	Power Over Ethernet 802.3af Ports		
	PoE Plus (30W) 802.3at Ports		
	Total PoE Budget	55 Watts	120 Watts ¹
Scalability	# MAC Addresses	8,000	8,000
	ARP Table - Size of	512	512
	# Routing Entries	32	32
	# ACL Rules	100	100
	Single IP Management	✓	✓
System Management	Web Managed/GUI	✓	✓
	Insight Cloud Management Option	✓	✓
Quality of Service	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 full set	✓	✓
	Number of Priority Queues	8	8
	Traffic Prioritization	802.1p, DSCP, Diffserv, TCP/UDP	802.1p, DSCP, Diffserv, TCP/UDP
	Auto Voice VLAN	✓	✓
	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓
Performance	Bandwidth	16 Gbps	20 Gbps
	Buffer Memory	512 KB Per Unit	512 KB Per Unit
	Jumbo Frames	10,000	10,000
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
	RPS Redundant Power Supply	✓	✓
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	64	64
	Link Aggregation 802.3ad/LACP	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓
	Rate Limiting	✓	✓
	Broadcast Storm Control	✓	✓
L3 Routing	IPv4 Static Routing	✓	✓
	IEEE 802.1x (RADIUS)	✓	✓
Security	ACL - Access Control Lists	MAC, IP	MAC, IP
	SSL/SSH & HTTPS	HTTPS	HTTPS
	Guest VLAN	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓
	TACACS+	✓	✓
	Auto Port Power Down	✓	✓
	Dynamic Power Consumption	✓	✓
Energy Efficiency	Max Power Consumption	5.75 Watts if powered by PoE via port 5.5 Watts (DC)	69.5W (with PoE max)
	Desktop/Rackmount/Click	Desktop	Desktop
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	2,388,657 hrs (273 yrs)	1,200,041 hrs (137 yrs)
	Fan(s)	None	None
	Acoustic Noise @ 25°C	0 dBA	0 dBA
	Width x Depth x Height	158 x 101 x 27 mm (6.2 x 4.0 x 1.1 in)	236 x 101 x 27 mm (9.3 x 4.0 x 1.1 in)
	Weight	0.43 kg (0.94 lb)	0.61 kg (1.34 lb)
	Class (A or B)	B	B
	Warranty Hardware	Lifetime	Lifetime
Lifetime		Lifetime	Lifetime
Modules	AGM731F/AGM732F/AGM734/AXM761/AXM762/AXM763/AXM764	AGM731F/AGM732F/AGM734/AXM761/AXM762/AXM763/AXM764	AGM731F/AGM732F/AGM734/AXM761/AXM762/AXM763/AXM764
	AXC761/AXC763	AXC761/AXC763	AXC761/AXC763
	PMB0531	PMB0532	PMB0331
ProSUPPORT Maintenance PKGS	On Call 3-year 24 x 7		

Smart Switches

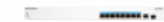
Smart, L2+ with static routing, Gigabit



MODEL	GS716TP	GS716TPP
Port Configuration	10/100 RJ45 Ports (Auto Uplink)	
	10/100/1000 RJ45 Ports (Auto Uplink)	16
	Fiber Ports	2 dedicated SFP
	10Gig Module Bays	
PoE	Power Over Ethernet 802.3af Ports	16
	PoE Plus (30W) 802.3at Ports	16
	Total PoE Budget	180 Watts
		300 Watts
Scalability	# MAC Addresses	16,000
	ARP Table - Size of	
	# Routing Entries	
	# ACL Rules	100
System Management	Single IP Management	✓
	Web Managed/GUI	✓
	Insight Cloud Management Option	✓
	Command Line Interface/RS232 Console/Telnet	
	SNMP Version	v1, v2c, v3
	RMON Group	1,2,3,9
	DHCP (Client/Server)	Client
	Port Mirroring	Many-to-One
	IPv6 full set	✓
	Optional Unified Network Management	Discovery, setup, monitoring and management via NETGEAR Insight mobile app or Insight Cloud Portal
Optional Discovery, Setup, Monitoring & Management	Remote/Cloud management	✓
	Centralized network configuration (policies) across Insight Managed Switches, Wireless Access Points, and Business-class ReadyNAS Storage	✓
	Additional devices auto-join and inherit network configuration (zero-touch provisioning)	✓
	Multi-site, multi-network management in a single pane-of-glass view	✓
Quality of Service	Number of Priority Queues	8
	Traffic Prioritization	802.1p, DSCP, Diffserv, TCP/UDP
	Auto Voice VLAN	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3
	IGMP Snooping Querier	✓
Performance	Bandwidth	36 Gbps
	Buffer Memory	1.5 MB Per System
	Jumbo Frames	9,216
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	64
	Link Aggregation 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
	SSL/SSH & 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	17.01 Watts (no PoE) 193.9 Watts (with PoE max)
		18.06 Watts (no PoE) 317.74 Watts (with PoE max)
Physical	Desktop/Rackmount/Click	Rackmount
	Metal/Plastic Enclosure	Metal
	MTBF @ 25°C	1,186,673 hrs (135yrs)
	Fan(s)	1
	Acoustic Noise @ 25°C	27.3 dBA
	Width x Depth x Height	440 x 204 x 43 mm (17.3 x 8 x 1.7 in)
	Weight	3.00 kg (6.61 lb)
Electromagnetic Compliance	Class (A or B)	
Warranty Hardware	Lifetime	Lifetime
Warranty Power Supply	Lifetime	Lifetime
Modules	AGM731F/AGM732F/AGM734	AGM731F/AGM732F/AGM734
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0311 PMB0331 PMB0351

Smart Switches with Optional Insight Remote/Cloud Management

Smart with Cloud, L2/L2+/L3 Lite, Gigabit



MODEL	GS110TUP	GS710TUP
Port Configuration	10/100 RJ45 Ports (Auto Uplink)	
	10/100/1000 RJ45 Ports (Auto Uplink)	9
	Fiber Ports	1 dedicated SFP
	10Gig Module Bays	
PoE	Power Over Ethernet 802.3af Ports	8
	PoE Plus (30W) 802.3at Ports	8
	Ultra60 PoE+ (60W) 802.3bt Ports	4
	Total PoE Budget	240W
Scalability	Uninterrupted PoE	✓
	# MAC Addresses	8,000
	ARP Table - Size of	512
	# Routing Entries	32
System Management	# ACL Rules	100
	Single IP Management	✓
	Web Managed/GUI	✓
	Insight Cloud Management Option	✓
	Command Line Interface/RS232 Console/Telnet	
	SNMP Version	v1, v2c, v3
	RMON Group	1,2,3,9
	DHCP (Client/Server/Relay)	Client
	Port Mirroring	Many-to-One
	IPv6 full set	✓
Optional Unified Network Management	Discovery, setup, monitoring and management via NETGEAR Insight mobile app or Insight Cloud Portal	✓
Optional Discovery, Setup, Monitoring & Management	Remote/Cloud management	✓
	Centralized network configuration (policies) across Insight Managed Switches, Wireless Access Points, and Business-class ReadyNAS Storage	✓
	Additional devices auto-join and inherit network configuration (zero-touch provisioning)	✓
	Multi-site, multi-network management in a single pane-of-glass view	✓
Quality of Service	Number of Priority Queues	8
	Traffic Prioritization	802.1p, DSCP, Diffserv, TCP/UDP
	Auto Voice VLAN	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3
	IGMP Snooping Querier	✓
Performance	Bandwidth	20 Gbps
	Buffer Memory	0.5 MB Per System
	Jumbo Frames	10,000
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	64
	Link Aggregation 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
	SSL/SSH & 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	276.8 Watts
		554.0 Watts
Physical	Desktop/Rackmount/Click	Desktop, Wallmount, Rackmount
	Metal/Plastic Enclosure	Metal
	MTBF @ 25°C	695507.7 hrs (32 yrs)
	Fan(s)	None
	Acoustic Noise @ 25°C	0 dBA
	Width x Depth x Height	236 x 101 x 27 mm (9.3 x 4.0 x 1.1 in)
	Weight	0.63kg (1.39lb)
Electromagnetic Compliance	Class (A or B)	
Warranty Hardware	Lifetime	Lifetime
Warranty Power Supply	2 yrs	Lifetime
Modules	AGM731F/AGM732F/AGM734	AGM731F/AGM732F/AGM734
ProSUPPORT Maintenance PKGS	On Call 3-year 24 x 7	PMB0331

Smart Switches with Optional Insight Remote/Cloud Management

Smart with Cloud, L2/L2+/L3 Lite, Gigabit

MODEL	GS724TPV2	GS724TPP	
Port Configuration	10/100 RJ45 Ports (Auto Uplink)		
	10/100/1000 RJ45 Ports (Auto Uplink)	24	
	Fiber Ports	2 dedicated SFP	
PoE	Power Over Ethernet 802.3af Ports	24	
	PoE Plus (30W) 802.3at Ports	24	
	Ultra60 PoE++ (60W) 802.3bt Ports		
	Total PoE Budget	190 Watts	
Scalability	Uninterrupted PoE		
	# MAC Addresses	8,000	
	ARP Table - Size of		
	# Routing Entries	100	
System Management	# ACL Rules	100	
	Single IP Management	✓	
	Web Managed/GUI	✓	
	Insight Cloud Management Option	✓	
	Command Line Interface/RS232 Console/Telnet		
	SNMP Version	v1, v2c, v3	
	RMON Group	1,2,3,9	
	DHCP (Client/Server/Relay)	Client	
	Port Mirroring	Many-to-One	
	IPv6 full set	✓	
Optional Unified Network Management	Discovery, setup, monitoring and management via NETGEAR Insight mobile app or Insight Cloud Portal	✓	
Optional Discovery, Setup, Monitoring & Management	Remote/Cloud management	✓	
	Centralized network configuration (policies) across Insight Managed Switches, Wireless Access Points, and Business-class ReadyNAS Storage	✓	
	Additional devices auto-join and inherit network configuration (zero-touch provisioning)	✓	
	Multi-site, multi-network management in a single pane-of-glass view	✓	
Quality of Service	Number of Priority Queues	8	
	Traffic Prioritization	802.1p, DSCP, Diffserv, TCP/UDP	
	Auto Voice VLAN	✓	
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	
	IGMP Snooping Querier	✓	
Performance	Bandwidth	52 Gbps	
	Buffer Memory	0.5 MB Per System	
	Jumbo Frames	9,216	
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	
	Number of 802.1q VLAN/Number of VLAN Group	64	
Traffic Management	Link Aggregation 802.3ad/LACP	✓	
	Discovery Protocol LLDP 802.1ab	✓	
	Rate Limiting	✓	
	Broadcast Storm Control	✓	
	IPv4 Static Routing	✓	
	Security	IEEE 802.1x (RADIUS)	✓
L3 Routing	ACL - Access Control Lists	MAC, IP, TCP	
	SSL/SSH & HTTPS	HTTPS	
	Guest VLAN	✓	
	DHCP Snooping/IP Source Guard/ARP Guard	DHCP Snooping Only	
	TACACS+	✓	
	Energy Efficiency	EEE 802.3az	✓
	Auto Port Power Down	✓	
Physical	Dynamic Power Consumption	✓	
	Max Power Consumption	228.5 Watts	
	Desktop/Rackmount/Click	Rackmount	
	Metal/Plastic Enclosure	Metal	
	MTBF @ 25°C	1,051,375 hrs (120 yrs)	
	Fan(s)	2	
	Acoustic Noise @ 25°C	32.4 dBA	
	Width x Depth x Height	440 x 204 x 43 mm (17.3 x 8.0 x 1.7 in)	
	Weight	3.15 kg (6.96 lb)	
	Electromagnetic Compliance	Class (A or B)	
Warranty Hardware	Lifetime		
Warranty Power Supply	Lifetime		
Modules	AGM731F/AGM732F/AGM734		
ProSUPPORT Maintenance PKGS	On Call 3-year 24 x 7		

Smart Switches with Optional Insight Remote/Cloud Management

Smart with Cloud, L2/L2+/L3 Lite, Gigabit

MODEL	GS728TPv2	GS728TPPv2	
Port Configuration	10/100 RJ45 Ports (Auto Uplink)		
	10/100/1000 RJ45 Ports (Auto Uplink)	24	
	Fiber Ports	4 dedicated SFP	
PoE	Power Over Ethernet 802.3af Ports	24	
	PoE Plus (30W) 802.3at Ports	24	
	Total PoE Budget	190 Watts	
	Uninterrupted PoE		
Scalability	# MAC Addresses	16,000	
	ARP Table - Size of	512	
	# Routing Entries	32	
	# ACL Rules	100	
System Management	Single IP Management	✓	
	Web Managed/GUI	✓	
	Insight Cloud Management Option	✓	
	Command Line Interface/RS232 Console/Telnet		
	SNMP Version	v1, v2c, v3	
	RMON Group	1,2,3,9	
	DHCP (Client/Server/Relay)	Client	
	Port Mirroring	Many-to-One	
	IPv6 full set	✓	
	Optional Unified Network Management	Discovery, setup, monitoring and management via NETGEAR Insight mobile app or Insight Cloud Portal	✓
Optional Discovery, Setup, Monitoring & Management	Remote/Cloud management	✓	
	Centralized network configuration (policies) across Insight Managed Switches, Wireless Access Points, and Business-class ReadyNAS Storage	✓	
	Additional devices auto-join and inherit network configuration (zero-touch provisioning)	✓	
	Multi-site, multi-network management in a single pane-of-glass view	✓	
Quality of Service	Number of Priority Queues	8	
	Traffic Prioritization	802.1p ; Diffserv ; TCP/UDP	
	Auto Voice VLAN	✓	
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	
	IGMP Snooping Querier	✓	
Performance	Bandwidth	56 Gbps	
	Buffer Memory	1.5 MB Per System	
	Jumbo Frames	10,000	
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	
	Number of 802.1q VLAN/Number of VLAN Group	256	
Traffic Management	Link Aggregation 802.3ad/LACP	✓	
	Discovery Protocol LLDP 802.1ab	✓	
	Rate Limiting	✓	
	Broadcast Storm Control	✓	
	IPv4 Static Routing	✓	
	Security	IEEE 802.1x (RADIUS)	✓
L3 Routing	ACL - Access Control Lists	MAC, IP, TCP	
	SSL/SSH & HTTPS	HTTPS	
	Guest VLAN	✓	
	DHCP Snooping/IP Source Guard/ARP Guard	✓	
	TACACS+	✓	
	Energy Efficiency	EEE 802.3az	✓
	Auto Port Power Down	✓	
Physical	Dynamic Power Consumption	✓	
	Max Power Consumption	226 Watts	
	Desktop/Rackmount/Click	Rackmount	
	Metal/Plastic Enclosure	Metal	
	MTBF @ 25°C	1,250,365 hrs (143 yrs)	
	Fan(s)	2	
	Acoustic Noise @ 25°C	31 dBA	
	Width x Depth x Height	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	
	Weight	3.78 kg (8.3lb)	
	Electromagnetic Compliance	Class (A or B)	
Warranty Hardware	Lifetime		
Warranty Power Supply	Lifetime		
Modules	AGM731F/AGM732F/AGM734		
ProSUPPORT Maintenance PKGS	On Call 3-year 24 x 7		

[†] NETGEAR's exclusive FlexPoE option allows for upgrading your PoE budget in the future via NETGEAR optional power adapters.
^{*} This product is currently not available in EMEA region.

Smart Switches with Optional Insight Remote/Cloud Management

Smart with Cloud, L2/L2+/L3 Lite, Gigabit



MODEL	GS752TPv2	GS752TPP
Port Configuration	10/100 RJ45 Ports (Auto Uplink)	
	10/100/1000 RJ45 Ports (Auto Uplink)	24
	Fiber Ports	4 dedicated SFP
PoE	Power Over Ethernet 802.3af Ports	24
	PoE Plus (30W) 802.3at Ports	24
	Total PoE Budget	380 Watts
Scalability	# MAC Addresses	16,000
	ARP Table - Size of	512
	# Routing Entries	32
	# ACL Rules	100
System Management	Single IP Management	✓
	Web Managed/GUI	✓
	Insight Cloud Management Option	✓
	Command Line Interface/RS232 Console/Telnet	
	SNMP Version	v1, v2c, v3
	RMON Group	1,2,3,9
	DHCP (Client/Server/Relay)	Client
	Port Mirroring	Many-to-One
	IPv6 full set	✓
	Optional Unified Network Management	Discovery, setup, monitoring and management via NETGEAR Insight mobile app or Insight Cloud Portal
Optional Discovery, Setup, Monitoring & Management	Remote/Cloud management	✓
	Centralized network configuration (policies) across Insight Managed Switches, Wireless Access Points, and Business-class ReadyNAS Storage	✓
	Additional devices auto-join and inherit network configuration (zero-touch provisioning)	✓
	Multi-site, multi-network management in a single pane-of-glass view	✓
Quality of Service	Number of Priority Queues	8
	Traffic Prioritization	802.1p; Diffserv; TCP/UDP
	Auto Voice VLAN	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3
	IGMP Snooping Querier	✓
Performance	Bandwidth	104 Gbps
	Buffer Memory	1.5 MB Per System
	Jumbo Frames	10,000
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256
	Link Aggregation 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
	SSL/SSH & 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	446 Watts
Physical	Desktop/Rackmount/Click	Rackmount
	Metal/Plastic Enclosure	Metal
	MTBF @ 25°C	1,737,411 hrs (198 yrs)
	Fan(s)	2
	Acoustic Noise @ 25°C	38 dBA
	Width x Depth x Height	440 x 310 x 43 mm (17.3 x 12.2 x 1.7 in)
	Weight	4.93 kg (10.90 lb)
Electromagnetic Compliance	Class (A or B)	A
Warranty Hardware	Lifetime	Lifetime
Warranty Power Supply	Lifetime	Lifetime
Modules	AGM731F/AGM732F/AGM734	AGM731F/AGM732F/AGM734
ProSUPPORT Maintenance PKGS	On Call 3-year 24 x 7	PMB0332

Smart Switches with Optional Insight Remote/Cloud Management

Smart, L2+ with static routing, multi-Gigabit



MODEL	MS510TXM	MS510TXUP
Port Configuration	10/100 RJ45 Ports (Auto Uplink)	
	10/100/1000 RJ45 Ports (Auto Uplink)	4x1G/2.5G, 4x 1G/2.5G/5G/10G
	Fiber Ports	2 dedicated 10G SFP+
PoE	Power Over Ethernet 802.3af Ports	8
	PoE Plus (30W) 802.3at Ports	8
	Ultra60 PoE+ (60W) 802.3bt Ports	8
Scalability	Total PoE Budget	295 Watts
	# MAC Addresses	32,000
	ARP Table - Size of	512
	# Routing Entries	32
System Management	# ACL Rules	100
	Single IP Management	✓
	Web Managed/GUI	✓
	Insight Cloud Management Option	✓
	Command Line Interface/RS232 Console/Telnet	
	SNMP Version	v1, v2c, v3
	RMON Group	1,2,3,9
	DHCP (Client/Server/Relay)	Client
	Port Mirroring	Many-to-One
	IPv6 full set	✓
Optional Unified Network Management	Discovery, setup, monitoring and management via NETGEAR Insight mobile app or Insight Cloud Portal	✓
Optional Discovery, Setup, Monitoring & Management	Remote/Cloud management	✓
	Centralized network configuration (policies) across Insight Managed Switches, Wireless Access Points, and Business-class ReadyNAS Storage	✓
	Additional devices auto-join and inherit network configuration (zero-touch provisioning)	✓
	Multi-site, multi-network management in a single pane-of-glass view	✓
Quality of Service	Number of Priority Queues	8
	Traffic Prioritization	802.1p; Diffserv; TCP/UDP
	Auto Voice VLAN	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3
	IGMP Snooping Querier	✓
Performance	Bandwidth	140 Gbps
	Buffer Memory	2 MB Per System
	Jumbo Frames	10,000
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256
	Link Aggregation 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
	SSL/SSH & 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	47 Watts
Physical	Desktop/Rackmount/Click	Rackmount
	Metal/Plastic Enclosure	Metal
	MTBF @ 25°C	1,059,519hrs (121 yrs)
	Fan(s)	2
	Acoustic Noise @ 25°C	25 dBA
	Width x Depth x Height	330 x 206 x 43mm (13.0 x 8.12 x 1.7 in)
	Weight	2.08 kg (4.59lb)
Electromagnetic Compliance	Class (A or B)	A
Warranty Hardware	Lifetime	Lifetime
Warranty Power Supply	Lifetime	Lifetime
Modules	AGM731F/AGM732F/AGM734/AXM761/AXM762/AXM764/AXC761/AXC763	AGM731F/AGM732F/AGM734/AXM761/AXM762/AXM764/AXC761/AXC763
ProSUPPORT Maintenance PKGS	On Call 3-year 24 x 7	PMB0331

Smart Switches with Optional Insight Remote/Cloud Management

Insight Managed Smart Cloud, L2, Gigabit

MODEL	GC108P	GC108PP
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
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)	8
PoE (Power over Ethernet)	1G SFP Fiber Ports	8
	PoE (15.4W) 802.3af Ports	
	PoE+ (30W) 802.3at Ports	8
	Total PoE Budget†	64 Watts†
	Advanced per-port PoE controls (enable/disable/power limit)	Yes
LEDs	Advanced per-port PoE scheduling	Yes
	Front (per device) (applicable models)	Cloud/Power Connection, PoE Fault
	Rear (per device) (applicable models)	Cloud/Power Connection, PoE Fault
	Front (per port) (applicable models)	Speed/Link/Activity (left), PoE Power (right)
Scalability	Rear (per port) (applicable models)	Speed/Link/Activity (left), PoE Power (right)
	# MAC Addresses	8,000
	ARP Table / NDP Table - Size of	512 ARP / 512 NDP
	# Routing Entries	100
	# ACL Rules (Shared for MAC, IP and IPv6 ACLs)	100
System Management	Cloud/Remote Management	Yes
	Mobile app and Cloud Portal management	Yes
	uPnP Discovery & Bonjour Discovery	Yes
	Centralized network configuration (policies)	Yes
	Device auto-join and configure (zero-touch provisioning)	Yes
	Multi-site, multi-network single pane-of-glass view	Yes
	Multi-switch, multi-port concurrent configuration	Yes
	Network/global password (for all Insight Managed devices on a network)	Yes
	Local-only Web Browser-Based Managed/GUI	Yes
	SNMP Version	v1, v2c, v3
	RMON Group	
	DHCP (Client/Server/Relay)	Client
	Port Mirroring	Many-to-One
Quality of Service	IPv6 Management	Yes
	Firmware upgrade direct from Cloud (via mobile device)	Yes
	Number of Priority Queues	8
	Traffic Prioritization	802.1p, DSCP, Diffserv
Multicast Filtering	Auto Voice VLAN	Yes
	IGMP Snooping Version	v1, v2, v3
	IGMP Snooping Querier	Yes
Performance	Bandwidth	16 Gbps
	Buffer Memory	512KB Per System
	Jumbo Frames	10,000
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	64
	Link Aggregation 802.3ad/LACP	Yes
	Discovery Protocol LLDP 802.1ab	Yes
	Rate Limiting	Yes
	Broadcast Storm Control	Yes
	IEEE 802.1x (RADIUS)	Yes
Security	ACL - Access Control Lists	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/HTTPS
	Guest VLAN	Yes
	DHCP Snooping/IP Source Guard	Yes
	TACACS+	Yes
Energy Efficiency	IEEE 802.3az	Yes
	Auto Port Power Down	Yes
	Dynamic Power Consumption	Yes
	Max Power Consumption	66.7 Watts (full PoE)
Physical	Desktop/Wallmount (VESA)/Rackmount	D/W
	Metal/Plastic Enclosure	Metal
	MTBF @ 25°C	2,635,395 hrs (301 yrs)
	Acoustic Noise @ 25°C	0dBA
	Fan(s)	
	Width x Depth x Height	188 x 110 x 27 mm (7.4 x 4.3 x 1.1 in)
	Weight	0.52 kg (1.14 lb)
	Electromagnetic Compliance	Class (A or B)
Warranty Switch*	5 years	
Warranty External Power Adapter	2 years	
Modules		
ProSUPPORT Maintenance Pkgs***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	Category S2: PMB0512 (1 yr.) PMB0532 (3 yrs.) PMB0552 (5 yrs.)

Smart Switches with Optional Insight Remote/Cloud Management

Insight Managed Smart Cloud, L2+/ L3 Lite, Gigabit

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
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)	8
PoE (Power over Ethernet)	1G SFP Fiber Ports	2 dedicated
	PoE (15.4W) 802.3af Ports	
	Total PoE Budget†	8
	Advanced per-port PoE controls (enable/disable/power limit)	Yes
	Advanced per-port PoE scheduling	Yes
LEDs	Front (per device) (applicable models)	Cloud/Internet Connection, Power
	Rear (per device) (applicable models)	Cloud/Internet Connection, Power
	Rear (per port) (applicable models)	Speed/Link/Activity
Scalability	Front (per port) (applicable models)	Speed/Link/Activity (left), PoE Power (right)
	# MAC Addresses	16,000
	ARP Table / NDP Table - Size of	384 ARP / 128 NDP
	# Routing Entries	32 IPv4 / 31 IPv6
System Management	# ACL Rules (Shared for MAC, IP and IPv6 ACLs)	100
	Cloud/Remote Management	Yes
	Mobile app and Cloud Portal management	Yes
	uPnP Discovery & Bonjour Discovery	Yes
	Centralized network configuration (policies)	Yes
	Device auto-join and configure (zero-touch provisioning)	Yes
	Multi-site, multi-network single pane-of-glass view	Yes
	Multi-switch, multi-port concurrent configuration	Yes
	Network/global password (for all Insight Managed devices on a network)	Yes
	Local-only Web Browser-Based Managed/GUI	Yes
	SNMP Version	v1, v2c, v3
	DHCP (Client/Server/Relay)	Client
	Port Mirroring	Many-to-One
Quality of Service	IPv6 Management	Yes
	Firmware upgrade direct from Cloud (via mobile device)	Yes
	Number of Priority Queues	8
	Traffic Prioritization	802.1p, DSCP, Diffserv
Multicast Filtering	Auto Voice VLAN	Yes
	IGMP Snooping Version	v1, v2c, v3
	IGMP Snooping Querier	Yes
Performance	Bandwidth	20 Gbps
	Buffer Memory	1.5 MB Per System
	Jumbo Frames	9,216
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256
	Link Aggregation 802.3ad/LACP	Yes
	Discovery Protocol LLDP 802.1ab	Yes
	Rate Limiting	Yes
	Broadcast Storm Control	Yes
	IEEE 802.1x (RADIUS)	Yes
Security	ACL - Access Control Lists	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/HTTPS
	Guest VLAN	Yes
	DHCP Snooping/IP Source Guard	Yes
	TACACS+	Yes
Energy Efficiency	IEEE 802.3az	Yes
	Auto Port Power Down	Yes
	Dynamic Power Consumption	Yes
	Max Power Consumption	10.1W
Physical	Desktop/Wallmount (VESA)/Rackmount	Desktop/Wallmount
	Metal/Plastic Enclosure	Metal
	MTBF @ 25°C	4,013,311 hrs (458 yrs)
	Acoustic Noise @ 25°C	0dBA
	Fan(s)	
	Width x Depth x Height	245 x 123 x 33 mm (9.6 x 4.8 x 1.3 in)
	Weight	0.73 kg (1.61 lb)
	Electromagnetic Compliance	Class (A or B)
Warranty Switch*	5 years	
Warranty External Power Adapter	2 years	
Modules		
ProSUPPORT Maintenance Pkgs***	AGM731F, AGM732F, AGM734	AGM731F, AGM732F, AGM734
	Category S2: PMB0512 PMB0532 PMB0552	Category S2: PMB0512 PMB0532 PMB0552

† NETGEAR's exclusive FlexPoE option allows for upgrading your PoE budget in the future via NETGEAR optional power adapters.

Smart Switches with Optional Insight Remote/Cloud Management

Insight Managed Smart Cloud, L2+/L3 Lite, Gigabit



MODEL	GC510P	GC510PP
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
	1G SFP Fiber Ports	2 dedicated
PoE (Power over Ethernet)	PoE (15.4W) 802.3af Ports	8
	PoE+ (30W) 802.3at Ports	8
	Total PoE Budget†	134W
	Advanced per-port PoE controls (enable/disable/power limit)	Yes
	Advanced per-port PoE scheduling	Yes
LEDs	Front (per device) (applicable models)	Cloud/Internet Connection, Power
	Rear (per device) (applicable models)	Cloud/Internet Connection, Power, PoE Max
	Rear (per port) (applicable models)	Speed/Link/Activity (left), PoE Power (right)
Scalability	# MAC Addresses	16,000
	ARP Table / NDP Table - Size of	384 ARP / 128 NDP
	# Routing Entries	32 IPv4 / 31 IPv6
	# ACL Rules (Shared for MAC, IP and IPv6 ACLs)	100
System Management	Cloud/Remote Management	Yes
	Mobile app and Cloud Portal management	Yes
	uPnP Discovery & Bonjour Discovery	Yes
	Centralized network configuration (policies)	Yes
	Device auto-join and configure (zero-touch provisioning)	Yes
	Multi-site, multi-network single pane-of-glass view	Yes
	Multi-switch, multi-port concurrent configuration	Yes
	Network/global password (for all Insight Managed devices on a network)	Yes
	Local-only Web Browser-Based Managed/GUI	Yes
	SNMP Version	v1, v2c, v3
	RMON Group	Client
	DHCP (Client/Server/Relay)	Client
	Port Mirroring	Many-to-One
	IPv6 Management	Yes
	Firmware upgrade direct from Cloud (via mobile device)	Yes
Quality of Service	Number of Priority Queues	8
	Traffic Prioritization	802.1p, DSCP, Diffserv
	Auto Voice VLAN	Yes
Multicast Filtering	IGMP Snooping Version	v1, v2c, v3
	IGMP Snooping Querier	Yes
Performance	Bandwidth	20 Gbps
	Buffer Memory	1.5 MB Per System
	Jumbo Frames	9,216
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256
	Link Aggregation 802.3ad/LACP	Yes
	Discovery Protocol LLDP 802.1ab	Yes
	Rate Limiting	Yes
	Broadcast Storm Control	Yes
L3 Routing	IPv4/IPv6 Static Routing	Yes
Security	IEEE 802.1x (RADIUS)	Yes
	ACL - Access Control Lists	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/HTTPS
	Guest VLAN	Yes
	DHCP Snooping/IP Source Guard	Yes
	TACACS+	Yes
Energy Efficiency	IEEE 802.3az	Yes
	Auto Port Power Down	Yes
	Dynamic Power Consumption	Yes
	Max Power Consumption	146.9W (full PoE)
Physical	Desktop/Wallmount (VESA)/Rackmount	Desktop/Wallmount/Rackmount
	Metal/Plastic Enclosure	Metal
	MTBF @ 25°C	692,457 hrs (79 yrs)
	Acoustic Noise @ 25°C	0dBA
	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)
	Weight	2.01 kg (4.43 lb)
Electromagnetic Compliance	Class (A or B)	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	Category S2: PMB0S12 (1 yr.) PMB0S32 (3 yrs.) PMB0S52 (5 yrs.)

† NETGEAR's exclusive FlexPoE option allows for upgrading your PoE budget in the future via NETGEAR optional power adapters.

Smart Switches with Optional Insight Remote/Cloud Management

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



MODEL	GC728X	GC728XP
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)	24
	1G SFP Fiber Ports	2 dedicated
	10G SFP+ Fiber Ports	2 dedicated
PoE (Power over Ethernet)	PoE (15.4W) 802.3af Ports	24
	PoE+ (30W) 802.3at Ports	24
	Total PoE Budget†	390W
	Advanced per-port PoE controls (enable/disable/power limit)	Yes
	Advanced per-port PoE scheduling	Yes
LEDs	Front (per device) (applicable models)	Cloud/Internet Connection, Power, PoE Max, Fan Status
	Front (per device) (applicable models)	Cloud/Internet Connection, Power, PoE Max, Fan Status
	Front (per device) (applicable models)	Speed/Link/Activity
Scalability	# MAC Addresses	16,000
	ARP Table / NDP Table - Size of	384 ARP / 128 NDP
	# Routing Entries	32 IPv4 / 31 IPv6
	# ACL Rules (Shared for MAC, IP and IPv6 ACLs)	100
System Management	Cloud/Remote Management	Yes
	Mobile app and Cloud Portal management	Yes
	uPnP Discovery & Bonjour Discovery	Yes
	Centralized network configuration (policies)	Yes
	Device auto-join and configure (zero-touch provisioning)	Yes
	Multi-site, multi-network single pane-of-glass view	Yes
	Multi-switch, multi-port concurrent configuration	Yes
	Network/global password (for all Insight Managed devices on a network)	Yes
	Local-only Web Browser-Based Managed/GUI	Yes
	SNMP Version	v1, v2c, v3
	RMON Group	1,2,3,9
	DHCP (Client/Server/Relay)	Client
	Port Mirroring	Many-to-One
	IPv6 Management	Yes
	Firmware upgrade direct from Cloud (via mobile device)	Yes
Quality of Service	Number of Priority Queues	8
	Traffic Prioritization	802.1p, DSCP, Diffserv
	Auto Voice VLAN	Yes
Multicast Filtering	IGMP Snooping Version	v1, v2, v3
	IGMP Snooping Querier	Yes
Performance	Bandwidth	92 Gbps
	Buffer Memory	1.5 MB Per System
	Jumbo Frames	9,216
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256
	Link Aggregation 802.3ad/LACP	Yes
	Discovery Protocol LLDP 802.1ab	Yes
	Rate Limiting	Yes
	Broadcast Storm Control	Yes
L3 Routing	IPv4/IPv6 Static Routing	Yes
Security	IEEE 802.1x (RADIUS)	Yes
	ACL - Access Control Lists	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/HTTPS
	Guest VLAN	Yes
	DHCP Snooping/IP Source Guard	Yes
	TACACS+	Yes
Energy Efficiency	IEEE 802.3az	Yes
	Auto Port Power Down	Yes
	Dynamic Power Consumption	Yes
	Max Power Consumption	18.5W
Physical	Desktop/Wallmount (VESA)/Rackmount	Desktop/Rackmount
	Metal/Plastic Enclosure	Metal
	MTBF @ 25°C	1,874,356 hrs (214 yrs)
	Fan(s)	1 (whisper-quiet)
	Acoustic Noise @ 25°C	28dBA
	Width x Depth x Height	440 x 224 x 44 mm (17.3 x 8.8 x 1.7 in)
	Weight	2.81 kg (6.19 lb)
Electromagnetic Compliance	Class (A or B)	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	Category 1: PMB0311 (1 yr.) PMB0331 (3 yrs.) PMB0351 (5 yrs.)

† NETGEAR's exclusive FlexPoE option allows for upgrading your PoE budget in the future via NETGEAR optional power adapters.

Smart Switches with Optional Insight Remote/Cloud Management

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



MODEL	GC752X	GC752XP
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
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
	1G SFP Fiber Ports	2 dedicated
PoE (Power over Ethernet)	10G SFP+ Fiber Ports	2 dedicated
	PoE (15.4W) 802.3af Ports	48
	PoE+ (30W) 802.3at Ports	48
LEDs	Total PoE Budget ¹	505W
	Advanced per-port PoE controls (enable/disable/power limit)	Yes
	Advanced per-port PoE scheduling	Yes
Scalability	Front (per device) (applicable models)	Cloud/Internet Connection, Power, PoE Max, Fan Status
	Front (per port) (applicable models)	Speed/Link/Activity
	Front (per port) (applicable models)	Speed/Link/Activity (left), PoE Power (right)
System Management	# MAC Addresses	16,000
	ARP Table / NDP Table - Size of	384 ARP / 128 NDP
	# Routing Entries	32 IPv4 / 31 IPv6
Quality of Service	# ACL Rules (Shared for MAC, IP and IPv6 ACLs)	100
	Cloud/Remote Management	Yes
	Mobile app and Cloud Portal management	Yes
Multicast Filtering	uPnP Discovery & Bonjour Discovery	Yes
	Centralized network configuration (policies)	Yes
	Device auto-join and configure (zero-touch provisioning)	Yes
Performance	Multi-site, multi-network single pane-of-glass view	Yes
	Multi-switch, multi-port concurrent configuration	Yes
	Network/global password (for all Insight Managed devices on a network)	Yes
Availability	Local-only Web Browser-Based Managed/GUI	Yes
	SNMP Version	v1, v2c, v3
	RMON Group	1, 2, 3, 9
Traffic Management	DHCP (Client/Server/Relay)	Client
	Port Mirroring	Many-to-One
	IPv6 Management	Yes
L3 Routing	Firmware upgrade direct from Cloud (via mobile device)	Yes
	Number of Priority Queues	8
	Traffic Prioritization	802.1p, DSCP, Diffserv
Security	Auto Voice VLAN	Yes
	IGMP Snooping Version	v1, v2, v3
	IGMP Snooping Querier	Yes
Energy Efficiency	Bandwidth	140 Gbps
	Buffer Memory	1.5 MB Per System
	Jumbo Frames	9,216
Physical	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s
	Number of 802.1q VLAN/Number of VLAN Group	256
	Link Aggregation 802.3ad/LACP	Yes
Warranty Hardware	Discovery Protocol LLDP 802.1ab	Yes
	Rate Limiting	Yes
	Broadcast Storm Control	Yes
Warranty Power Supply	IPV4/IPV6 Static Routing	Yes
	IEEE 802.1x (RADIUS)	Yes
	ACL - Access Control Lists	MAC, IP, TCP
Modules	SSL/SSH & HTTPS	SSL/HTTPS
	Guest VLAN	Yes
	DHCP Snooping/IP Source Guard	Yes
ProSUPPORT Maintenance Pkgs***	TACACS+	Yes
	IEEE 802.3az	Yes
	Auto Port Power Down	Yes
Electromagnetic Compliance	Dynamic Power Consumption	Yes
	Max Power Consumption	43.9W
	Desktop/Wallmount (VESA)/Rackmount	Desktop/Rackmount
Warranty Switch*	Metal/Plastic Enclosure	Metal
	MTBF @ 25°C	1,360,115 hrs (155 yrs)
	Fan(s)	1 (whisper-quiet)
ProSUPPORT Maintenance Pkgs***	Acoustic Noise @ 25°C	29dBA
	Width x Depth x Height	440 x 224 x 44 mm (17.3 x 8.8 x 1.7 in)
	Weight	3.16 kg (6.97 lb)
Electromagnetic Compliance	Class (A or B)	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
ProSUPPORT Maintenance Pkgs***	OnCall 24x7 1-year	OnCall 24x7 1-year
	OnCall 24x7 3-year	OnCall 24x7 3-year
	OnCall 24x7 5-year	OnCall 24x7 5-year

¹ NETGEAR's exclusive FlexPoE option allows for upgrading your PoE budget in the future via NETGEAR optional power adapters.

Fully Managed Switches

Fully Managed, M4200 series (L3 with RIP), Multi-Gigabit

Fully Managed, AV Line M4250 series (L3 Lite), Gigabit and 10-Gigabit



MODEL	M4200-10MG-POE+ (GSM4210P)	M4250-10G2F-POE+ (GSM4212P)	M4250-10G2XF-POE+ (GSM4212PX)
Port Configuration	10/100 RJ45 Ports (Auto Uplink)	10	10
	10/100/1000 RJ45 Ports (Auto Uplink)	8 2.5GBase-T	10
	Fiber Ports	2 SFP+ (10G)	2 SFP
PoE	Power Over Ethernet 802.3af Ports	8	8
	PoE Plus (30W) 802.3at Ports	8	8
	Total PoE Budget	240W	125W
Scalability	# MAC Addresses	16,000	16,000
	ARP Table - Size of	1,024	4,096
	# Routing Entries	32	894
System Management	# ACL Rules	16,384 (ingress, egress)	16,384 (ingress, egress)
	Web Managed/GUI	✓	IT GUI, AV GUI
	Command Line Interface/RS232 Console/Telnet	✓	IT GUI, AV GUI
Quality of Service	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
Multicast Filtering	Port Mirroring	Many-to-One	Many-to-One; RSPAN
	IPv6 full set	✓	✓
	Number of Priority Queues	8	8
Performance	Traffic Prioritization	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP
	Auto Voice VLAN	✓	✓
	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
Availability	IGMP Snooping Querier	✓	✓
	Bandwidth	90 Gbps	24Gbps
	Buffer Memory	16 Mb	16 Mb
Traffic Management	Jumbo Frames	9,216	12,270
	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	802.1d, .1w, .1s; PV(R)STP	802.1d, .1w, .1s; PV(R)STP
L3 Routing	Number of 802.1q VLAN/Number of VLAN Group	1,024/1,024	4,093 / 4,093
	Link Aggregation 802.3ad/LACP	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓
Security	Rate Limiting	✓	✓
	Broadcast Storm Control	✓	✓
	IPv4 Static Routing	✓	✓
Energy Efficiency	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	RIP v1, v2	RIP v1, v2
	IPv6 Static Routing, IPv6 OSPFv3	Static Routing	Static Routing
	IPv4 / IPv6 Multicast Routing PIM-SM/DM	✓	✓
Physical	IEEE 802.1x (RADIUS)	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
Electromagnetic Compliance	Guest VLAN	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓
	TACACS+	✓	✓
Warranty Hardware	IEEE 802.3az	✓	✓
	Auto Port Power Down	✓	✓
	Dynamic Power Consumption	✓	✓
Warranty Power Supply	Power Consumption	281.6W	163.9W
	Desktop/Rackmount/Click	Rackmount/Easy Mount	R (reversible)
	Metal/Plastic Enclosure	Metal	M
Modules	MTBF @ 25°C	753,324 hrs (86 yrs)	778,769 hours
	Fan(s)	✓	Side to side
	Acoustic Noise @ 25°C	28.9dBA	Fanless, Quiet mode (27.38dBA) or Cool mode (55dBA)
ProSUPPORT Maintenance PKGS	Width x Depth x Height	440 x 100 x 44 mm (17.3 x 3.9 x 1.7 in)	440 x 200 x 43.2 (17.32 x 7.87 x 1.70 in)
	Weight	2.05 kg (4.52 lb)	2.900 kg (6.39 lb)
	Class (A or B)	A	A
Warranty Switch*	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
	OnCall 24x7 1-year	PMB0312	PMB0312
	OnCall 24x7 3-year	PMB0332	PMB0332
ProSUPPORT Maintenance Pkgs***	OnCall 24x7 5-year	PMB0352	PMB0352

Fully Managed Switches

Fully Managed, AV Line M4250 series (L3 Lite), Gigabit and 10-Gigabit



MODEL	M4250-10G2XF-POE++ (GSM4212UX)	M4250-12M2XF (MSM4214X)	M4250-16XF (XSM4216F)	
Port Configuration	10/100 RJ45 Ports (Auto Uplink)			
	10/100/1000 RJ45 Ports (Auto Uplink)	10	12 x 2.5G	
	Fiber Ports	2 SFP+ (10G)	2 SFP+ (10G)	16 SFP+ (10G)
PoE	Power Over Ethernet 802.3af Ports	8		
	PoE Plus (30W) 802.3at Ports	8 PoE++ 802.3bt 90W		
	Total PoE Budget	720W		
Scalability	# MAC Addresses	16,000	16,000	16,000
	ARP Table - Size of	4,096	4,096	4,096
	# Routing Entries	894	894	894
	# ACL Rules	16,384 (ingress, egress)	16,384 (ingress, egress)	16,384 (ingress, egress)
System Management	Web Managed/GUI	IT GUI, AV GUI	IT GUI, AV GUI	
	Command Line Interface/RS232 Console/Telnet	✓	✓	✓
Quality of Service	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; RSPAN	Many-to-One; RSPAN	Many-to-One; RSPAN
	IPv6 full set	✓	✓	✓
	Number of Priority Queues	8	8	8
Multicast Filtering	Traffic Prioritization	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
	IGMP Snooping Querier	✓	✓	✓
	Bandwidth	60Gbps	100Gbps	320Gbps
Availability	Buffer Memory	16Mb	16Mb	16Mb
	Jumbo Frames	12,270	12,270	12,270
Traffic Management	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
	RPS Redundant Power Supply	✓	✓	✓
L3 Routing	Number of 802.1q VLAN/Number of VLAN Group	4,093 / 4,093	4,093 / 4,093	4,093 / 4,093
	Link Aggregation 802.3ad/LACP	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓
	Rate Limiting	✓	✓	✓
Security	Broadcast Storm Control	✓	✓	✓
	IPv4 Static Routing	✓	✓	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	RIPv1/v2	RIPv1/v2	RIPv1/v2
	IPv6 Static Routing, IPv6 OSPFv3	Static Routing	Static Routing	Static Routing
Energy Efficiency	IPv4 / IPv6 Multicast Routing PIM-SM/DM	✓	✓	✓
	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
Physical	Guest VLAN	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓	✓
	TACACS+	✓	✓	✓
	Power Consumption	837.7W	37.9W	47.84W
Electromagnetic Compliance	IEEE 802.3az	✓	✓	✓
	Auto Port Power Down	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓
	Power Consumption	837.7W	37.9W	47.84W
Warranty Hardware	Desktop/Rackmount/Click	R (reversible)	R (reversible)	R (reversible)
	Metal/Plastic Enclosure	M	M	M
	MTBF @ 25°C	947,871 hours	720,892 hours	844,633 hours
	Fan(s)	Side to side	Side to side	Side to side
Warranty Power Supply	Acoustic Noise @ 25°C	Fanless, Quiet mode (90W PoE, 34.57dBA) (180W PoE, 40dBA) (720W PoE, 47.19dBA) or Cool Mode (57dBA)	Fanless, Quiet mode (28.5dBA) or Cool mode (55dBA)	Fanless, Quiet mode (27.44dBA) or Cool mode (57dBA)
	Width x Depth x Height	440 x 257 x 43.2 (17.32 x 10.12 x 1.70 in)	440 x 100 x 43.2 (17.32 x 3.94 x 1.70 in)	440 x 200 x 43.2 (17.32 x 7.87 x 1.70 in)
	Weight	3.830 kg (8.44 lb)	1.745 kg (3.85 lb)	2.800 kg (6.17 lb)
	Class (A or B)	A	A	A
Modules	Lifetime	Lifetime	Lifetime	
	Lifetime	Lifetime	Lifetime	
ProSUPPORT Maintenance PKGS	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	
	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0312 PMB0332 PMB0352	PMB0312 PMB0332 PMB0352	

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)	48 / 2 10GBase-T
	Fiber Ports	2 SFP+ (10G)
	10Gig Module Bays	2 SFP+ (10G)
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
	Stacking Bandwidth	80 Gbps
	Stacking (maximum capacity)	8 switches
Scalability	Stacking Compatibility	M4300 series
	# MAC Addresses	16,000
	ARP Table - Size of	888
	# Routing Entries	12,000
System Management	# ACL Rules	16,384 (ingress, egress)
	Single IP Management	✓
Quality of Service	Web Managed/GUI	✓
	Command Line Interface/RS232 Console/Telnet	✓
	SNMP Version	v1, v2c, v3
	RMON Group	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay
	Port Mirroring	Many-to-One; RSPAN
Multicast Filtering	IPv6 full set	✓
	Number of Priority Queues	8
Performance	Traffic Prioritization	802.1p; Diffserv; TCP/UDP
	Auto Voice VLAN	✓
Availability	IGMP Snooping Version	v1, v2, v3
	IGMP Snooping Querier	✓
Traffic Management	Bandwidth	128 Gbps
	Buffer Memory	16 Mb
	Jumbo Frames	9,198
L3 Routing	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s; PV(R)STP
	RPS Redundant Power Supply	Second optional APS150W
Security	Modular Power Supply	APS150W
	Number of 802.1q VLAN/Number of VLAN Group	4,093/4,093
	Link Aggregation 802.3ad/LACP	✓
	Discovery Protocol LLDP 802.1ab	✓
Energy Efficiency	Rate Limiting	✓
	Broadcast Storm Control	✓
	IPv4 Static Routing	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	✓
Physical	IPv6 Static Routing, IPv6 OSPFv3	✓
	IPv4 / IPv6 Multicast Routing PIM-SM/DM	✓
	IEEE 802.1x (RADIUS)	✓
	ACL - Access Control Lists	MAC, IP, TCP
Warranty Hardware	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓
	TACACS+	✓
Warranty Power Supply	Power Consumption	34.5W
	Auto Port Power Down	✓
	Dynamic Power Consumption	✓
	Power Consumption	34.5W
Modules	Desktop/Rackmount/Click	Rackmount
	Metal/Plastic Enclosure	Metal
	MTBF @ 25°C	1,328,968 hrs
	Fan(s)	Front to back
ProSUPPORT Maintenance PKGS	Acoustic Noise @ 25°C	30.3dBA
	Width x Depth x Height	440 x 310 x 44 mm (17.32 x 12.2 x 1.73 in)
	Weight	4.51 kg (9.94 lb)
	Class (A or B)	A
Warranty Hardware	Lifetime	Lifetime
	Lifetime	Lifetime
Warranty Power Supply	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
	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0313 PMB0333 PMB0353

Fully Managed Switches - Advanced Network Control with Remote Cloud Management

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
	Fiber Ports	2 SFP+ (10G)
	10Gig Module Bays	2 SFP+ (10G)
PoE	Power Over Ethernet 802.3af Ports	24
	PoE Plus (30W) 802.3af Ports	24
	Total PoE Budget	480W (PA)/630W (PB) Up to 720W with second PSU
Stacking	Number of Dedicated Stacking Ports	Up to 4 10G ports
	Stacking Bandwidth	80 Gbps
	Stacking (maximum capacity)	8 switches
Scalability	Stacking Compatibility	M4300 series
	# MAC Addresses	16,000
	ARP Table - Size of	888
System Management	# Routing Entries	12,000
	# ACL Rules	16,384 (ingress, egress)
	Single IP Management	✓
Quality of Service	Web Managed/GUI	✓
	Command Line Interface/RS232 Console/Telnet	✓
	SNMP Version	v1, v2c, v3
	RMON Group	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay
	Port Mirroring	Many-to-One; RSPAN
	IPv6 full set	✓
	Number of Priority Queues	8
	Traffic Prioritization	802.1p; Diffserv; TCP/UDP
	Auto Voice VLAN	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3
	IGMP Snooping Querier	✓
Performance	Bandwidth	128 Gbps
	Buffer Memory	16 Mb
	Jumbo Frames	9,198
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s; PV(R)STP
	RPS Redundant Power Supply	Second optional APS550W (PA) Second optional APS1000W (PB)
	Modular Power Supply	APS550W (PA) or APS1000W (PB)
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	4,093/4,093
	Link Aggregation 802.3ad/LACP	✓
	Discovery Protocol LLDP 802.1ab	✓
	Rate Limiting	✓
L3 Routing	Broadcast Storm Control	✓
	IPv4 Static Routing	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	✓
	IPv6 Static Routing, IPv6 OSPFv3	✓
Security	IPv4 / IPv6 Multicast Routing PIM-SM/DM	✓
	IEEE 802.1x (RADIUS)	✓
	ACL - Access Control Lists	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/SSH & HTTPS
Energy Efficiency	Guest VLAN	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓
	TACACS+	✓
	IEEE 802.3az	✓
Physical	Auto Port Power Down	✓
	Dynamic Power Consumption	✓
	Power Consumption	577W (PA 1 PSU) 833.2W (PB 1 PSU)
	Desktop/Rackmount/Click	Rackmount
Electromagnetic Compliance	Metal/Plastic Enclosure	Metal
	MTBF @ 25°C	1,189,685 hrs
	Fan(s)	Front to back
	Acoustic Noise @ 25°C	39.8dBA
	Width x Depth x Height	440 x 310 x 44 mm (17.32 x 12.2 x 1.73 in)
	Weight	5.09 kg (11.21 lb)
	Class (A or B)	A
	Lifetime	Lifetime
	Lifetime	Lifetime
	Lifetime	Lifetime
Warranty Hardware	Lifetime	Lifetime
	Lifetime	Lifetime
	Lifetime	Lifetime
Modules	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765
	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765
	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year	PMB0313
	OnCall 24x7 3-year	PMB0333
	OnCall 24x7 5-year	PMB0353

Fully Managed Switches

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



MODEL	M4300-8X8F (XSM4316S)	M4300-16X (XSM4316PA OR XSM4316PB)	M4300-12X12F (XSM4324S)	M4300-24X (XSM4324CS)
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	8 10GBase-T	16 10GBase-T	24 10GBase-T
	Fiber Ports	8 SFP+ (10G)	12 SFP+ (10G)	4 combo SFP+ (10G)
	10Gig Module Bays			
PoE	Power Over Ethernet 802.3af Ports	16		
	PoE Plus (30W) 802.3af Ports	16		
	Total PoE Budget	199W (PA)/500W (PB) APS199W or APS600W		
Stacking	Number of Dedicated Stacking Ports	Up to 16 10G ports	Up to 16 10G ports	Up to 16 10G ports
	Stacking Bandwidth	320 Gbps	320Gbps	320 Gbps
	Stacking (maximum capacity)	8 switches	8 switches	8 switches
Scalability	Stacking Compatibility	M4300 series	M4300 series	M4300 series
	# MAC Addresses	16,000	16,000	16,000
	ARP Table - Size of	888	888	888
System Management	# Routing Entries	12,000	12,000	12,000
	# ACL Rules	16,384 (ingress, egress)	16,384 (ingress, egress)	16,384 (ingress, egress)
	Single IP Management	✓	✓	✓
Quality of Service	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/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
	IPv6 full set	✓	✓	✓
	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	320 Gbps	480 Gbps
	Buffer Memory	16 Mb	16 Mb	32 Mb
	Jumbo Frames	9,198	9,198	9,198
Availability	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
	RPS Redundant Power Supply	APS250W	APS199W (PA) or APS600W (PB)	APS250W
	Modular Power Supply	APS250W	APS250W	APS250W
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	4,093/4,093	4,093/4,093	4,093 / 4,093
	Link Aggregation 802.3ad/LACP	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓
	Rate Limiting	✓	✓	✓
L3 Routing	Broadcast Storm Control	✓	✓	✓
	IPv4 Static Routing	✓	✓	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	✓	✓	✓
	IPv6 Static Routing, IPv6 OSPFv3	✓	✓	✓
Security	IPv4 / IPv6 Multicast Routing PIM-SM/DM	✓	✓	✓
	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
Energy Efficiency	Guest VLAN	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓	✓
	TACACS+	✓	✓	✓
	IEEE 802.3az	✓	✓	✓
Physical	Auto Port Power Down	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓
	Power Consumption	49W	308.7W (PA) 610W (PB)	97W
	Desktop/Rackmount/Click	Rackmount	Rackmount	Rackmount
Electromagnetic Compliance	Metal/Plastic Enclosure	Metal	Metal	Metal
	MTBF @ 25°C	196,120 hrs	690,301 hours	192,898 hrs
	Fan(s)	Front to back	Front to back	Front to back
	Acoustic Noise @ 25°C	36.9dBA	35dBA	36.9dBA
	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)
	Weight	3.32kg (7.31 lb)	3.22 kg (7.11 lb)	3.69 kg (8.14 lb)
	Class (A or B)	A	A	A
	Lifetime	Lifetime	Lifetime	Lifetime
	Lifetime	Lifetime	Lifetime	Lifetime
	Lifetime	Lifetime	Lifetime	Lifetime
Warranty Hardware	Lifetime	Lifetime	Lifetime	Lifetime
	Lifetime	Lifetime	Lifetime	Lifetime
	Lifetime	Lifetime	Lifetime	Lifetime
Modules	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765
	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765
	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXM765
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year	PMB0313	PMB0313	PMB0314
	OnCall 24x7 3-year	PMB0333	PMB0333	PMB0334
	OnCall 24x7 5-year	PMB0353	PMB0353	PMB0354

Fully Managed Switches

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

MODEL	M4300-24XF (XSM4324FS)	M4300-24X24F (XSM4348S)	M4300-48X (XSM4348CS)	M4300-48XF (XSM4348FS)
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	2 combo 10GBase-T	24 10GBase-T	48 10GBase-T
	Fiber Ports	24 SFP+ (10G)	24 SFP+ (10G)	48 SFP+ (10G)
PoE	10Gig Module Bays			
	Power Over Ethernet 802.3af Ports			
Stacking	Number of Dedicated Stacking Ports	Up to 16 10G ports	Up to 16 10G ports	Up to 16 10G ports
	Stacking Bandwidth	320 Gbps	320 Gbps	320 Gbps
Scalability	Stacking (maximum capacity)	8 switches	8 switches	8 switches
	Stacking Compatibility	M4300 series	M4300 series	M4300 series
System Management	# MAC Addresses	16,000	128,000	128,000
	ARP Table - Size of	888	8,192	8,192
Quality of Service	# Routing Entries	12,000	12,000	12,000
	# ACL Rules	16,384 (ingress, egress)	16,384 (ingress, egress)	16,384 (ingress, egress)
Multicast Filtering	Single IP Management	✓	✓	✓
	Web Managed/GUI	✓	✓	✓
Performance	Command Line Interface/RS232 Console/Telnet	✓	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
Availability	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
Traffic Management	Port Mirroring	Many-to-One; RSPAN	Many-to-One; RSPAN	Many-to-One; RSPAN
	IPv6 full set	✓	✓	✓
Energy Efficiency	Number of Priority Queues	8	8	8
	Traffic Prioritization	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP
Physical	Auto Voice VLAN	✓	✓	✓
	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3
Electromagnetic Compliance	IGMP Snooping Querier	✓	✓	✓
	Bandwidth	480 Gbps	960 Gbps	960 Gbps
Warranty Hardware	Buffer Memory	32 Mb	56 Mb	56 Mb
	Jumbo Frames	9,198	9,198	9,198
Warranty Power Supply	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
	RPS Redundant Power Supply		Second optional APS250W	Second optional APS250W
Modules	Modular Power Supply	APS250W	APS250W	APS250W
	Number of 802.1q VLAN/Number of VLAN Group	4,093 / 4,093	4,093 / 4,093	4,093 / 4,093
ProSUPPORT Maintenance PKGS	Link Aggregation 802.3ad/LACP	✓	✓	✓
	Discovery Protocol LLDLP 802.1ab	✓	✓	✓
ProSUPPORT Maintenance PKGS	Rate Limiting	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓
ProSUPPORT Maintenance PKGS	IPv4 Static Routing	✓	✓	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	✓	✓	✓
ProSUPPORT Maintenance PKGS	IPv6 Static Routing, IPv6 OSPFv3	✓	✓	✓
	IPv4 / IPv6 Multicast Routing PIM-SM/DM	✓	✓	✓
ProSUPPORT Maintenance PKGS	IEEE 802.1x (RADIUS)	✓	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP
ProSUPPORT Maintenance PKGS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	✓	✓	✓
ProSUPPORT Maintenance PKGS	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓	✓
	TACACS+	✓	✓	✓
ProSUPPORT Maintenance PKGS	IEEE 802.3az	✓	✓	✓
	Auto Port Power Down	✓	✓	✓
ProSUPPORT Maintenance PKGS	Dynamic Power Consumption	✓	✓	✓
	Power Consumption	125W	161W	237.2W
ProSUPPORT Maintenance PKGS	Desktop/Rackmount/Click	Rackmount	Rackmount	R
	Metal/Plastic Enclosure	Metal	Metal	Metal
ProSUPPORT Maintenance PKGS	MTBF @ 25°C	968,447 hours	133,176 hrs	249,393 hrs
	Fan(s)	Front to back	Front to back	Front to back
ProSUPPORT Maintenance PKGS	Acoustic Noise @ 25°C	39.07dBA	35.8dBA	40.3dBA
	Width x Depth x Height	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)	440 x 345 x 44 mm (17.32 x 13.58 x 1.73 in)
ProSUPPORT Maintenance PKGS	Weight	3.56kg (7.85lb)	6.12 kg (13.48 lb)	6.55 kg (14.44 lb)
	Class (A or B)	A	A	A
ProSUPPORT Maintenance PKGS	Lifetime	Lifetime	Lifetime	Lifetime
	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	PMB0314	PMB0314	PMB0314	PMB0314
	PMB0334	PMB0334	PMB0334	PMB0334
ProSUPPORT Maintenance PKGS	PMB0354	PMB0354	PMB0354	PMB0354
	PMB0334	PMB0334	PMB0334	PMB0334

Fully Managed Switches

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

Fully Managed, M4500 series (L3), 10, 25, 50 and 100-Gigabit

MODEL	M4300-96X (XSM4396K0 OR K1)	M4500-32C (CSM4532)	M4500-48XF8C (XSM4556)
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	Up to 96 10GBaseT	48 SFP28 (10/25G) / 8 QSFP28 (100G)
	Fiber Ports	Up to 96 SFP+ / 24 QSFP+	32 QSFP28 (100G)
PoE	10Gig Module Bays		
	Power Over Ethernet 802.3af Ports	Up to 48	Up to 48
Stacking	PoE Plus (30W) 802.3at Ports	Up to 48	Up to 48
	Total PoE Budget	Up to 1,440W	Up to 1,440W
Scalability	Number of Dedicated Stacking Ports	Up to 16 10G or 40G ports	Up to 16 10G or 40G ports
	Stacking Bandwidth	320 Gbps	320 Gbps
System Management	Stacking (maximum capacity)	8 switches	8 switches
	Stacking Compatibility	M4300 series	MLAG (M4500 Series)
Quality of Service	# MAC Addresses	256,000	32,000
	ARP Table - Size of	8,192	8,192
Multicast Filtering	# Routing Entries	12,000	32,000
	# ACL Rules	16,384 (ingress, egress)	16,384 (ingress, egress)
Performance	Single IP Management	✓	✓
	Web Managed/GUI	✓	✓
Availability	Command Line Interface/RS232 Console/Telnet	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3
Traffic Management	RMON Group	1, 2, 3, 9	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay	Client/Server/L3 Relay
Energy Efficiency	Port Mirroring	Many-to-One; RSPAN	Many-to-One; RSPAN
	IPv6 full set	✓	✓
Physical	Number of Priority Queues	8	8
	Traffic Prioritization	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP
Electromagnetic Compliance	Auto Voice VLAN	✓	✓
	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
Warranty Hardware	IGMP Snooping Querier	✓	✓
	Bandwidth	1.920 Tbps	6.4 Tbps
Warranty Power Supply	Buffer Memory	96 Mb	256Mb
	Jumbo Frames	9,198	9,198
Modules	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s; PV(R)STP	802.1d, .1w, .1s
	RPS Redundant Power Supply	Second optional APS600W or APS1200W	Second APS750W (included)
ProSUPPORT Maintenance PKGS	Modular Power Supply	APS600W or APS1200W	APS750W
	Number of 802.1q VLAN/Number of VLAN Group	4,093 / 4,093	4,093 / 4,093
ProSUPPORT Maintenance PKGS	Link Aggregation 802.3ad/LACP	✓	✓
	Discovery Protocol LLDLP 802.1ab	✓	✓
ProSUPPORT Maintenance PKGS	Rate Limiting	✓	✓
	Broadcast Storm Control	✓	✓
ProSUPPORT Maintenance PKGS	IPv4 Static Routing	✓	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	✓	OSPFv2, VRRP, EMCP, BGP4
ProSUPPORT Maintenance PKGS	IPv6 Static Routing, IPv6 OSPFv3	✓	OSPFv2, VRRP, EMCP, BGP4
	IPv4 / IPv6 Multicast Routing PIM-SM/DM	✓	PIM-SM/SSM
ProSUPPORT Maintenance PKGS	IEEE 802.1x (RADIUS)	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP
ProSUPPORT Maintenance PKGS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH
	Guest VLAN	✓	✓
ProSUPPORT Maintenance PKGS	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓
	TACACS+	✓	✓
ProSUPPORT Maintenance PKGS	IEEE 802.3az	✓	✓
	Auto Port Power Down	✓	✓
ProSUPPORT Maintenance PKGS	Dynamic Power Consumption	✓	✓
	Power Consumption	566W (without PoE) 2,006W (max PoE)	426 Watts
ProSUPPORT Maintenance PKGS	Desktop/Rackmount/Click	R	R
	Metal/Plastic Enclosure	Metal	Metal
ProSUPPORT Maintenance PKGS	MTBF @ 25°C	519,784 hrs	281,359 hours
	Fan(s)	Front to back	Front to back
ProSUPPORT Maintenance PKGS	Acoustic Noise @ 25°C	35.8dBA (no PoE); 66.8dBA (max PoE)	64dBA
	Width x Depth x Height	440 x 535 x 88 mm (17.32 x 21.08 x 3.47 in)	440 x 508 x 43 mm (17.32 x 20 x 1.7 in)
ProSUPPORT Maintenance PKGS	Weight	16.28 kg (35.86 lb) (K1)	9.78kg (21.54lb)
	Class (A or B)	A	A
ProSUPPORT Maintenance PKGS	Lifetime	Lifetime	Lifetime
	AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/AXM764/AXM765; AXLC761/AXLC763 AXLM761/AXLM762	AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/AXM764/AXM765; AXLC761/3; ACC761/3 AXLM761/AXLM762; ACM761/ACM762	AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/AXM764/AXM765; AXLC761/3; ACC761/3 AXLM761/AXLM762; ACM761/ACM762
ProSUPPORT Maintenance PKGS	PMB0314	PMB0314	PMB0314
	PMB0334	PMB0334	PMB0334
ProSUPPORT Maintenance PKGS	PMB0354	PMB0354	PMB0354
	PMB0334	PMB0334	PMB0334

Fully Managed Switches

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

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



MODEL	M5300-28GF3 (GSM7328FS)	M6100 SERIES (XCM8900)
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	Up to 144 / 72 10GBase-T
	Fiber Ports	Up to 120 SFP / 48 SFP+
PoE	10Gig Module Bays	2 I/O 10G bays
	Power Over Ethernet 802.3af Ports	Up to 144
Stacking	PoE Plus (30W) 802.3at Ports	Up to 144, including UPOE 60W
	Total PoE Budget	Up to 6,000W
Scalability	Number of Dedicated Stacking Ports	3-slot Chassis
	Stacking Bandwidth	Management and Fabric Redundancy
System Management	Stacking (maximum capacity)	Hitless Failover
	Stacking Compatibility	Distributed Fabric
Quality of Service	# MAC Addresses	32,000
	ARP Table - Size of	8K
Multicast Filtering	# Routing Entries	12,000
	# ACL Rules	16,384 (ingress, egress)
Performance	Single IP Management	✓
	Web Managed/GUI	✓
Availability	Command Line Interface/RS232 Console/Telnet	✓
	SNMP Version	v1, v2c, v3
Traffic Management	RMON Group	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay
L3 Routing	Port Mirroring	Many-to-One; RSPAN
	IPv6 full set	✓
Security	Number of Priority Queues	8
	Traffic Prioritization	802.1p; Diffserv; TCP/UDP
Energy Efficiency	Auto Voice VLAN	✓
	IGMP Snooping Version	v1, v2, v3
Physical	IGMP Snooping Querier	✓
	Bandwidth	144 Gbps
Electromagnetic Compliance	Buffer Memory	16 Mb
	Jumbo Frames	12,288
Warranty Hardware	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s; PV(R)STP
	RPS Redundant Power Supply	RPS
Warranty Power Supply	Modular Power Supply	APS135W
	Number of 802.1q VLAN/Number of VLAN Group	4,093 / 4,093
Modules	Link Aggregation 802.3ad/LACP	✓
	Discovery Protocol LLD P 802.1ab	✓
ProSUPPORT Maintenance PKGS	Rate Limiting	✓
	Broadcast Storm Control	✓
OnCall 24x7 1-year	IPv4 Static Routing	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	✓
OnCall 24x7 3-year	IPv6 Static Routing, IPv6 OSPFv3	✓
	IPv4 / IPv6 Multicast Routing PIM-SM/DM	✓
OnCall 24x7 5-year	IEEE 802.1x (RADIUS)	✓
	ACL - Access Control Lists	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓
	TACACS+	✓
	IEEE 802.3az	✓
	Auto Port Power Down	✓
	Dynamic Power Consumption	✓
	Power Consumption	55W
	Desktop/Rackmount/Click	R
	Metal/Plastic Enclosure	Metal
	MTBF @ 25°C	539,481 hrs
	Fan(s)	✓
	Acoustic Noise @ 25°C	35.6dBA
	Width x Depth x Height	440 x 391 x 43.2 mm (17.32 x 15.39 x 1.7 in)
	Weight	5.4 kg (11.91 lb)
	Class (A or B)	A
	Lifetime	Lifetime
	Lifetime	Lifetime
	AFM735, AGM731F/AGM732F AX742, AX743/AX744/AX745, AXM761/AXM762/AXM763, AXM764; RPS4000 (RPS x4 switches)	XCM8948/XCM8944/XCM8944F/XCM8924X/XCM89P/XCM89UP; RPS4000v2; AGM731F/AGM732F/AGM734; AXM761/AXM762/AXM763; AXC761/AXC763/AXC753; APS1000W; AF1603
	OnCall 24x7 1-year	PMB0314
	OnCall 24x7 3-year	PMB0334
	OnCall 24x7 5-year	PMB0354

Modules and Accessories for Switches

For use with managed switches

Gigabit Fiber Modules

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/OM2 multimode (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 Plus, Smart, Fully Managed Switches	Select Plus, Smart, Fully Managed Switches	Select Plus, Smart, Fully Managed Switches	Select Plus, Smart, Fully Managed Switches
Warranty	5 years	5 years	5 years	5 years

10-Gigabit Copper and Fiber Modules

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/OM2 multimode (33m)	9µm single mode (10km)
Switch Compatibility	M5300 series (rear bays)	M5300 series (rear bays)	M5300 series (rear bays)	Select Plus, Smart, Fully Managed Switches	Select Plus, Smart, Fully Managed Switches
Warranty	5 years	5 years	5 years	5 years	5 years

10-Gigabit Copper and Fiber Modules

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, Plus, Smart, Fully Managed Switches	Select Unmanaged, Plus, Smart, Fully Managed Switches	Select Unmanaged, Plus, Smart, Fully Managed Switches	Select Unmanaged, Plus, Smart, Fully Managed Switches	Select Unmanaged, Plus, Smart, Fully Managed Switches
Warranty	5 years	5 years	5 years	5 years	5 years

Modules and Accessories for Switches

For use with managed switches

10-Gigabit Copper and Fiber Modules

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, Plus, Smart, Fully Managed Switches	Select Unmanaged, Plus, Smart, Fully Managed Switches	Select Unmanaged, Plus, Smart, Fully Managed Switches	Select Unmanaged, Plus, Smart, Fully Managed Switches	Select Unmanaged, Plus, Smart, Fully Managed Switches
Warranty	5 year	5 year	5 year	5 year	5 year

40-Gigabit Copper and Fiber Modules

MODEL	AXLC761	AXLC763	AXLM761	AXLM762
Product Description	Passive QSFP+ DAC 1m	Passive QSFP+ DAC 3m	QSFP+ Transceiver 40GBASE-MR4 (BiDi)	QSFP+ Transceiver 40GBASE-LR4
Distance	1m	3m	Up to 150m	Up to 10km
Cabling type	Direct Attach Cable	Direct Attach Cable	40GBASE-MR4 (BiDi 1 MMF link)	40GBASE-LR4
Connector	QSFP+	QSFP+	LC duplex	LC duplex
Interface (Bus) type	40 Gigabit Small Form Factor Pluggable (QSFP+)	40 Gigabit Small Form Factor Pluggable (QSFP+)	40 Gigabit Small Form Factor Pluggable (QSFP+)	40 Gigabit Small Form Factor Pluggable (QSFP+)
Form Factor	QSFP+ Cable	QSFP+ Cable	Plug-in QSFP+	Plug-in QSFP+
Data transfer Rate	40 Gbps	40 Gbps	40 Gbps	40 Gbps
Hot-Swappable	✓	✓	✓	✓
Fiber Cable support	NA	NA	50µm OM3 or OM4 multimode (150m); 9µm single mode (2km)	9µm single mode (10km)
Switch Compatibility	M4300-96X, M4500 Switches	M4300-96X, M4500 Switches	M4300-96X, M4500 Switches	M4300-96X, M4500 Switches
Warranty	5 Year	5 Year	5 Year	5 Year

100-Gigabit Copper and Fiber Modules

MODEL	ACC761	ACC763	ACM761	ACM762
Product Description	Passive QSFP28 DAC 1m	Passive QSFP28 DAC 3m	QSFP28 Transceiver 100GBASE-SR4	QSFP28 Transceiver 100GBASE-LR4
Distance	1m	3m	Up to 100m	Up to 10km
Cabling type	Direct Attach Cable	Direct Attach Cable	100GBASE-SR4 (4 MMF links)	100GBASE-LR4 (1 SMF link)
Connector	QSFP28	QSFP28	MTP/MPO connector	LC duplex
Interface (Bus) type	100 Gigabit Small Form Factor Pluggable (QSFP28)	100 Gigabit Small Form Factor Pluggable (QSFP28)	100 Gigabit Small Form Factor Pluggable (QSFP28)	100 Gigabit Small Form Factor Pluggable (QSFP28)
Form Factor	QSFP28 Cable	QSFP28 Cable	Plug-in QSFP28	Plug-in QSFP28
Data transfer Rate	100 Gbps	100 Gbps	100 Gbps	100 Gbps
Hot-Swappable	✓	✓	✓	✓
Fiber Cable support	NA	NA	50µm OM4 multimode (100m); 50µm OM3 multimode (100m)	9µm single mode (10km)
Switch Compatibility	M4500 Switches	M4500 Switches	M4500 Switches	M4500 Switches
Warranty	5 Year	5 Year	5 Year	5 Year

Modular Power Supply

MODEL	APS135W	APS150W	APS199W	APS250W	APS550W
Product Description	135-Watt Modular Power Supply	150-Watt Modular Power Supply	199-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)	M4300-16X (PA)	M4300 series (10G models)	M4300 series (PoE PA models)
Warranty	5 year	5 year	5 year	5 year	5 year

Modules and Accessories for Switches

For use with managed switches

Modular Power Supply

MODEL	APS600W	APS750W	APS1000W	APS1200W	RPS4000v2
Product Description	600-Watt Modular Power Supply	750-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	When 2 PSUs	When 2 PSUs	When 2 PSUs	
Switch Compatibility	M4300-16X (PB), M4300-96X	M4500 series	RPS4000v2, M4300 series (PoE PB models), M6100	M4300-96X	S3300 (PoE), M4100, M4300 (48p PoE models), M5300, M6100
Warranty	5 year	5 year	5 year	5 year	5 year

Third-Party Modules

ZeeVee HDMI Module for M4300-96X



MFG: ZEEVEE
Model No: ZyPer4K Quad Encoder
Description: 4x HDMI Input module for M4300-96X, on-board SDVoE encoder
Contact ZeeVee for details: https://www.zeevee.com/zyper4k-hdmi-module/

DVIGear HDMI Module for M4300-96X



MFG: DVIgear
Model No: DN-150-TX-Quad
Description: 4x HDMI Input module for M4300-96X, on-board SDVoE encoder
Contact DVIGear for details: https://www.dvigeear.com/displaynet-dn-150-tx-quad.html

Modules and Accessories for Switches

Accessory Power Adapters

Increase or decrease your PoE budget anytime by simply upgrading your switch Power Supply, without having to purchase a new switch. Future-proof your PoE budget with GS108LP or GS116LP. And if you have power-hungry devices and directly need a high power PoE switch, buy GS108PP or GS116PP. This unique combination from NETGEAR Business makes these switches the most adaptive in the market.

The following table describes the Accessory Power Adapters which are sold separately and is only compatible with NETGEAR products for GS108LP, GS108PP, GS116LP and GS116PP only.

SWITCH MODEL	POWER ADAPTER MODEL	POWER ADAPTER WATTAGE	PoE+ POWER WATTAGE
GS108LP (Comes w/67.5W PA)	EPS90W EPS130W	90W 130W	83W 123W
GS108PP (Comes w/130W PA)	EPS90W EPS130W	90W 130W	83W 123W
GS116LP (Comes w/90W PA)	EPS90W EPS130W EPS200W	90W 130W 200W	76W 115W 183W
GS116PP (Comes w/200W PA)	EPS90W EPS130W EPS200W	90W 130W 200W	76W 115W 183W



	EPS90W	EPS130W	EPS200W
Input	110V-240V ~ 50/60Hz	110V-240V ~ 50/60Hz	110V-240V ~ 50/60Hz
Output	54V @ 1.66A	54V @ 2.4A	54V @ 3.7A
Weight	0.88 lb (0.40 kg)	0.43 lb (0.43 kg)	1.87 lb (0.85 kg)
Dimension L x W x H	5.65 x 2.55 x 1.27 in	5.91 x 2.55 x 1.27 in	7.78 x 3.50 x 1.54 in
Cord Length	6 feet (180 cm)		
Power Adapters Warranty	2-years		
Technical Support	90 days of free technical support from purchase date		
ProSUPPORT Maintenance Contracts***	PMB0S11-10000S OnCall 24x7 1-year Category S1 PMB0S31-10000S OnCall 24x7 3-year Category S1 PMB0S51-10000S OnCall 24x7 5-year Category S1		



WIRELESS

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.

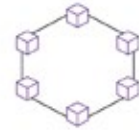
As your organization grows, so does your wireless management needs. As needs change, you can adapt to the management platform that best suits your requirements.



STAND ALONE

An easy-to-use configuration that's perfect for small organizations. Each access point can be configured and managed individually.

Available for all models.



ENSEMBLE

Expand coverage with up to 10 access points of the same model in Ensemble mode. No additional hardware, licenses or support fees are required.

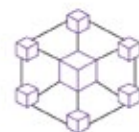
Available for WAC720 & WAC730.



INSIGHT CLOUD

Centralized cloud management and monitoring through the Insight app or Cloud Portal for single or multi-location deployments.

Available for WAC540, WAC510, & WAC505.



CONTROLLER

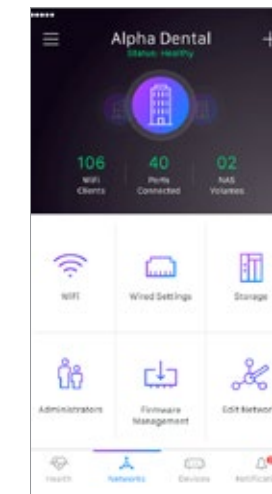
Controller mode supports centralized management for headquarters, branch office and campus locations and provides seamless roaming for all users.

Available for WAC720, WAC 730, & WAC740.

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.



WIRED/WIRELESS DASHBOARD



DETAILED CLIENT STATISTICS



WIRED AND WIRELESS DATA

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

Business class WiFi with superior Wave 2 802.11ac performance and range

2x2 and 4x4 with multiple streams of data for aggregate throughput of up to 1.2Gbps for WAC505, 1.3Gbps for WAC510 and 3Gbps for WAC540

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, WAC510 and WAC540 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 is built for small businesses. With patented FastLane3 technology, it's the industry's first purpose-built WiFi solution made for small business owners to install themselves. The Orbi Pro Tri-band WiFi System has award-winning technology to provide 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. Four 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

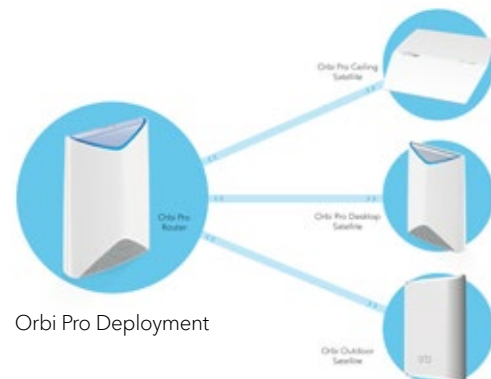
3 Secure, separate WiFi networks

Guest portal with instant customization

5,000 sq.ft. coverage (expandable to 20,000 sq.ft. with 6 additional satellites)

Desktop, wall mount, ceiling mount

Ideal for retail, shops, small businesses and offices



MORE SPEED, COVERAGE, AND CAPACITY WITH WIFI 6 WIRELESS

Newer, faster devices, high-resolution streaming videos and cloud-based applications all require high bandwidth, low latency and increased capacity to have maximum performance. In order for multiple devices to perform at their best, businesses must move to the newest standard of WiFi, WiFi 6. Current SMB network infrastructure is getting smarter and has more devices on the network and needs WiFi 6 for optimum performance.

WiFi 6 provides up to 40% faster speeds, 50% more coverage and 4x more device capacity than WiFi 5. WiFi 6 solves many challenges such as WiFi dead zones and blind spots, network/per-device speed, fast and easy setup, smooth configuration and firmware updates, and higher demand for security features. Keep up with the WiFi standard and rapidly growing wireless expectations in your business or home office with Insight Managed WiFi 6 Wireless Access Point WAX610, outdoor access point WAX610Y and Orbi Pro WiFi 6 Tri Band WiFi System.



NETGEAR WIFI 6

Not just WiFi 6, NETGEAR WiFi 6. Experience intelligent and high-density WiFi with adaptive configuration, load balancing, dynamic VLANs, and seamless roaming. Get high performance speed with 2.5G connectivity for better streaming, conferencing, and collaboration. NETGEAR WiFi 6 also allows safe access and secure sub-networks with SSIDs and VLANs. Lastly, NETGEAR WiFi 6 access points and WiFi system include remote cloud management with multi-tenant and multi-location management and easy configuration.

WAX610 and WAX610Y

- WiFi 6 dual-band AX1800 indoor and outdoor access point
- 4 streams of WiFi 6 with speeds up to 1.8 Gb
- 2.5 Gbps Ethernet port with PoE for high speed and easy wiring
- Seamless roaming between multiple WAX610 and other NETGEAR Business APs
- Dual-band wireless mesh for wire-free installation with other WAX610, WAX610Y and WAC540 or WAC564
- Insight remote management for easy setup and configuration
- Ideal for offices, schools, hotels, restaurants, health clinics and more



Orbi Pro WiFi 6

- 100% Faster: Orbi Pro WiFi 6 AX6000 vs. Orbi Pro WiFi 5 AC3000
- 4 SSIDs for secure, separate WiFi networks
- 6,000 sq. ft. coverage (expandable to 18,000 sq. ft. with 4 additional satellites)
- 2.5Gbps Ethernet for multi-gigabit broadband connection and 4 gigabit Ethernet ports
- Set up and customize your Orbi Pro wirelessly in minutes with Insight remote management
- Ideal for home office, retail, coffee shops, small businesses and offices



Wireless Access Points

11ac Access Points

Essentials



MODEL	WAC104	WAC124
Product Description	Dual Band 802.11ac Wireless Access Point	Dual Band 4x4 Wireless Access Point
Typical Deployment	High performance small and home office	Designed for SOHO applications customers
WIRELESS		
Standard	802.11ac	802.11ac Wave 2
Dual Band	concurrent	concurrent
2.4 GHz	✓	✓
5 GHz	✓	✓
TX by Rv	2 x 2 (2.4GHz)	2 x 2 (2.4GHz) 4x4 (5GHz)
Throughput per Radio	300/867 Mbps	300/1732 Mbps
Max # of Concurrent Clients (standalone)	24	32
HARDWARE		
# of Ethernet Ports	4+1 (AN, WAN)	4+1 (Lan,Waan)
Speed of Ethernet Ports	10/100/1000 Mbps	10/100/1000 Mbps
PoE		
Antenna Type	External	External/Internal
Antenna Gain	3dBi	3dBi
Physical Size	240 x 181 x 41 mm	236 x 151 x 55 mm
Enclosure Material	Plastic	Plastic
Kensington Lock		
Ceiling/Wall Mounting	✓	✓
Power Consumptions (W) Max	8.1W	16.2W
MANAGEMENT		
Deployment Options	Standalone	Standalone
FEATURES		
# of SSIDs	1	3
WEP	✓	
WPA-PSK/TKIP	✓	✓
WPA2-PSK/AES	✓	✓
802.1X		
Rogue AP Detection		
WIDS/WIPS		
Wireless Distribution Systems	✓	Client mode
Repeater		
Point-to-Point/Multi-Point	✓	✓
Simultaneous Bridge/Client Association	✓	✓
Captive Portal		
VLANs		
MAC ACL	✓	✓
802.11e/WMM	✓	✓
Rate Limiting		
Bandwidth Management		
Beamforming		✓
Bandsteering	✓	✓
ORDERING		
Warranty	3 years	3 years
Product Ordering SKU	WAC104-100NAS WAC104-100AUS WAC104-100PES WAC104-100UKS WAC104-100INS	WAC124-100NAS WAC124-100PES WAC124-100UKS WAC124-100CNS
ProSUPPORT Maintenance PKGS		
OnCall 24x7 1-year	PMB0511	PMB0311
OnCall 24x7 3-year	PMB0531	PMB0331
OnCall 24x7 5-year	PMB0551	PMB0351

Wireless Access Points

11ac Access Points

Insight Managed Access Point



MODEL	WAC505	WAC510	WAC540	WAC564
Product Description	Insight Managed Smart Cloud Wireless Access Point	AC WiFi Business AP with NETGEAR® Insight app for easy management	AC WiFi Business AP with NETGEAR Insight app for easy management	Insight Instant Mesh Access Point
Typical Deployment	Medium and micro business sites	Small to Mid-size customers for ease of deployment		MB businesses
WIRELESS				
Standard	802.11ac Wave 2	802.11 a/b/g/n/ac	802.11ac Wave 2	802.11ac Wave 2
Dual Band	concurrent	concurrent	Tri band	Tri band
2.4 GHz	✓	✓	✓	✓
5 GHz	✓	✓	✓	✓
TX by Rv	2x2 (2.4 and 5GHz)	2 x 2	4x4@5GHz, 2x2 @5GHz, 2x2 @2.4GHz	4x4@5GHz, 2x2 @5GHz, 2x2 @2.4GHz
Throughput per Radio	300/867 Mbps	300/867 Mbps	400/867/1733 Mbps	1,733 + 866 + 400 Mbps, (5, 2.4GHz)
Max # of Concurrent Clients (standalone)	100	200	600	40 per node and same for all Orbi Pro
HARDWARE				
# of Ethernet Ports	1	2	2	4
Speed of Ethernet Ports	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps
PoE	✓	✓	PoE+ (25.5w)	
Antenna Type	Internal	Internal	Internal	Six (6) high-performance antennas with high-power amplifiers
Antenna Gain	3/6dBi (2.4/5GHz)	3dBi (2.4GHz) 6dBi (5GHz)	3dBi (2.4GHz) 4dBi (5GHz)	3dBi (2.4GHz) 4dBi (5GHz)
Physical Size	175 x 165 x 35 mm (6.89 x 6.49 x 1.38 in)	197x 197 x 37 mm	242 x 242 x 40 mm	174 x 85 x 247 mm (6.8 x 3.3 x 9.7 in)
Enclosure Material	Plastic	Plastic	Plastic	Plastic
Kensington Lock	✓	✓		
Ceiling/Wall Mounting	✓	✓	✓	✓
Power Consumptions (W) Max	8.9W	9W	25.5W	
MANAGEMENT				
Deployment Options	Standalone / Insight	Standalone / Insight	Standalone/Insight	Standalone/Insight
FEATURES				
# of SSIDs	8	8	8	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	✓	✓	✓	✓
VLANs	✓	✓	✓	✓
MAC ACL	✓	✓	✓	✓
802.11e/WMM	✓	✓	✓	✓
Rate Limiting	✓	✓	✓	
Bandwidth Management		✓	✓	
Beamforming	✓	✓	✓	✓
Bandsteering	✓	✓	✓	✓
ORDERING				
Warranty	5 years	5 years	5 years	5 years
Product Ordering SKU	WAC505-100NAS WAC505-100005	WAC510-100005 WAC510-100NAS	WAC540-100NAS WAC540-100005 WAC540PA-100NAS	WAC564-100NAS WAC564-CNS WAC564-100EUS WAC564-100AUS WAC564-100JPS
ProSUPPORT Maintenance PKGS				
OnCall 24x7 1-year	PMB0511	PMB0512		PMB0311
OnCall 24x7 3-year	PMB0531	PMB0532		PMB0331
OnCall 24x7 5-year	PMB0551	PMB0552		PMB0351

Wireless Access Points

11ac and 11ax Access Points

Insight Managed Access Point



MODEL	WAX610	WAX610Y	WBC502
Product Description	Insight Managed WiFi 6 Dual Band AP	Insight Managed WiFi 6 AX1800 Dual Band Outdoor PoE AP	Insight Instant Wireless AirBridge
Typical Deployment	Small to Mid-size customers for ease of deployment	Outdoor deployment for schools, hotels, Small and medium enterprise	Point-to-Point network extension to a detached site
WIRELESS			
Standard	802.11 a/g/n/ac/ax	802.11 a/g/n/ac/ax	802.11ac Wave 2
Single Band			
Dual Band	✓	✓	✓
2.4 GHz	✓	✓	✓ (for management only)
5 GHz	✓	✓	✓
TX by Rv	2 x 2	2 x 2	2 x 2
Throughput per Radio	600/1200 Mbps	600/1200 Mbps	867 Mbps
Max # of Concurrent Clients (standalone)	30	30	In long distance AirBridge mode: Zero clients In Access Point mode: 32 clients
Max # of Concurrent Clients (managed)	250	250	No
HARDWARE			
# of Ethernet Ports	1	1	2
Speed of Ethernet Ports	100/1000/2500 Mbps	100/1000/2500 Mbps	10/100/1000 Mbps
PoE	✓	✓	1x (Must use the included Power Adaptor, 24V)
Antenna Type	Internal	Internal	Internal
Antenna Gain	Internal 3.8/4.5dBi (2.4GHz/5GHz)	Internal 3.8/4.5dBi (2.4GHz/5GHz)	14dBi in 5.0GHz
Additional External Antenna Connectors	No	No	No
Plenum		IP55	IP55
Physical Size	160.9 x 160.9 x 33.25 mm	181 x 305 x 34 mm	100 x 186 x 29 mm
Enclosure Material	Plastic Front/Metal Back	Plastic	Plastic
Kensington Lock			
Ceiling/Wall Mounting	Wall, Ceiling	Wall, ceiling, and pole mounting	Wall and pole mounting
Power Consumptions (W) Max		16.1W	8.93W
MANAGEMENT			
Deployment Options	Standalone/Insight	Standalone or Insight managed	Standalone or Insight managed
Business Central Management			
SNMP			
FEATURES			
# of SSIDs	8	8	0 in Point-to-Point AirBridge Mode 8 in WiFi AP Mode
WEP	✓	✓	✓
WPA-PSK/TKIP	✓	✓	✓
WPA2-PSK/AES	✓	✓	✓
WPA3-Personal[SAE]	✓	✓	✓
802.1X	✓	✓	Supported in WiFi AP Mode
Rogue AP Detection	No	No	No
WIDS/WIPS	No	No	No
Wireless Distribution Systems (WDS)	✓	✓	✓
Repeater	✓	✓	✓
Point-to-Point/Multi-Point	✓	✓	✓
Simultaneous Bridge /Client Association	✓	✓	✓
Captive Portal	Yes	Yes	No
VLANs	✓	✓	✓ (in AP mode)
MAC ACL	✓	✓	Supported in WiFi AP Mode
802.11e/WMM	✓	✓	✓
Rate Limiting	✓	✓	Supported in WiFi AP Mode
Bandwidth Management	✓	✓	✓
Beamforming	✓	✓	✓
IPv6	✓	✓	✓
Bandsteering	✓	✓	✓
ORDERING			
Warranty	5 years	5 years	5 years
Product Ordering SKU	WAX610-100NAS WAX610-100EUS WAX610PA-100NAS (power adapter included)	WAX610Y-100NAS WAX610Y-100EUS	WBC502-100NAS WBC502-100EUS
ProSUPPORT Maintenance PKGS			
OnCall 24x7 1-year	PMB0311-100005	PMB0311-100005	PMB0311
OnCall 24x7 3-year	PMB0331-100005	PMB0331-100005	PMB0331
OnCall 24x7 5-year	PMB0351-100005	PMB0351-100005	PMB0351

Wireless Access Points

11ac and 11ax Access Points

Tri-Band WiFi System



MODEL	ORBI PRO	ORBI PRO WIFI 6	RBS50Y	SRC60
Product Description	AC3000 Tri-band WiFi System	AX6000 Tri-band WiFi System	Orbi Outdoor Satellite	AC3000 Tri-band WiFi Satellite
Typical Deployment	SMB businesses	SMB business	Outdoor use	SMB Businesses
WIRELESS				
Standard	802.11ac Wave 2	802.11ac Wave 2	802.11 b/g/n/a/ac	801.11ac Wave 2
Dual Band	Tri band	Tri band	Tri band	Tri band
2.4 GHz	✓	✓	✓	✓
5 GHz	✓	✓	✓	✓
TX by Rv	4x4 @5GHz, 2x2 @5GHz, 2x2 @2.4GHz	Two 4x4 (5GHz)	2x2 front haul and 4x4 backhaul	4x4 @5GHz, 2x2 @5GHz, 2x2 @2.4GHz
Throughput per Radio	1,733 + 866 + 400 Mbps, (5, 2.4GHz)	2400 + 2400 + 1200 (5GHz, 5GHz, 2.4GHz)	1,733 + 866 + 300 Mbps, (5, 2.4GHz)	1,733 + 866 + 400 Mbps, (5, 2.4GHz)
Max # of Concurrent Clients (standalone)	40 per node and same for all Orbi Pro	60	40	40
HARDWARE				
# of Ethernet Ports	4	5	0	2
Speed of Ethernet Ports	10/100/1000 Mbps	1 x 1000/2500 Mbps 4 x 10/100/1000 Mbps		10/100/1000 Mbps
PoE				PoE+ (25.5w)
Antenna Type	Six (6) high-performance antennas with high-power amplifiers	Eight (8) high-performance antennas with high-power amplifiers	Six (6) high-performance antennas with high-power amplifiers	Six (6) high-performance antennas with high-power amplifiers
Antenna Gain	3dBi (2.4GHz) 4dBi (5GHz)	3dBi (2.4GHz) 4dBi (5GHz)	3dBi	3dBi (2.4GHz) 4dBi (5GHz)
Physical Size	174 x 85 x 247 mm (6.8 x 3.3 x 9.7 in)	174 x 85 x 247 mm (6.8 x 3.3 x 9.7 in)	8.3 x 2.7 x 10.6 in	10.5 x 9.4 x 1.6in (267 x 239 x 41mm)
Enclosure Material	Plastic	Plastic	Plastic & Metal in the back	Plastic
Kensington Lock				
Ceiling/Wall Mounting	✓	Wall, Ceiling	Wall Mounting	✓
Power Consumptions (W) Max			19.21W	25.5w
MANAGEMENT				
Deployment Options	Standalone/Insight	Standalone/Insight	Standalone/Insight	Standalone/Insight
FEATURES				
# of SSIDs	3	4	3	3
WEP	✓	✓	✓	✓
WPA-PSK/TKIP	✓	✓	✓	✓
WPA2-PSK/AES/ WPA3	✓	✓	✓	✓
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	5 years	5 years	1 year	5 years
Product Ordering SKU	SRK60-100NAS SRS60-100NAS	SXK80-100NAS / SXK80-100AUS SXK80-100JPS / SXK80B3-100NAS SXK80B3-100EUS / SXK80B4-100NAS SXK80B4-100EUS / SXK80-100NAS SXS80-100AUS / SXS80-100JPS	RBS50Y-100NAS	SRC60-100NAS SRC60-100EUS SRC60-100AUS SRC60-100JPS
ProSUPPORT Maintenance PKGS				
OnCall 24x7 1-year	PMB0311	PMP0312-100005	PMB0512	PMB0311
OnCall 24x7 3-year	PMB0331	PMP0332-100005	PMB0532	PMB0331
OnCall 24x7 5-year	PMB0351	PMP0352-100005	PMB0552	PMB0351

Wireless Access Points

11ax Access Points

Essentials WiFi 6 Performance



MODEL	WAX204	WAX214	WAX218
Product Description	WiFi 6 AX1800 Dual Band Wireless Access Point	WiFi 6 AX1800 PoE Access Point	WiFi 6 AX3600 PoE Access Point
Typical Deployment	Small offices, health clinics, small hotels	Micro businesses, health clinics, small hotels	Small businesses, health clinics, work shops
WIRELESS			
Standard	802.11b/g/n/ac/ax	802.11b/g/n/ac/ax	802.11b/g/n/ac/ax
Single Band			
Dual Band	Concurrent	Concurrent	Concurrent
2.4 GHz	✓	✓	✓
5 GHz	✓	✓	✓
TX by Rv	2 x 2	2 x 2	2 x 2
Throughput per Radio	600Mbps @ 2.4GHz 1200Mbps @ 5GHz	600Mbps @ 2.4GHz 1200Mbps @ 5GHz	1200Mbps @ 2.4GHz 2400Mbps @ 5GHz
Max # of Clients	64	128	256
HARDWARE			
# of Ethernet Ports	5	1	1
Speed of Ethernet Ports	1Gbps	1Gbps	2.5Gbps
PoE		✓	✓
Antenna Type	External	Internal	Internal
Antenna Gain	3dBi (2.4GHz) 3dBi (5GHz)	3dBi (2.4GHz) 3dBi (5GHz)	5dBi (2.4GHz) 5dBi (5GHz)
Additional External Antenna Connectors			
Plenum			
Physical Size	9.27 x 7.26 x 2.25in (236 x 184 x 57mm)	6.33 x 6.33 x 1.31 in 160.9 x 160.9 x 33.28 mm	8.11 x 8.11 x 1.37 in 205.73 x 205.73 x 34.75 mm
Form Factor	Desktop	Ceiling/wall-mount	Ceiling/wall-mount
MANAGEMENT			
Administrative Management	Local admin	Local admin	Local admin
FEATURES			
# of SSIDs	3	4	4
WEP	✓	✓	✓
WPA-PSK/TKIP	✓	✓	✓
WPA2-PSK/AES	✓	✓	✓
WPA3-Personal[SAE]	✓	✓	✓
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	3 years	3 years	3 years
Product Ordering SKU	WAX204-100NAS WAX204-100EUS	WAX214-100NAS WAX214PA-100NAS WAX214-100EUS	WAX218-100NAS WAX218PA-100NAS WAX218-100EUS
ProSUPPORT Maintenance PKGS			
OnCall 24x7 1-year	PMB0512	PMB0512	PMB0311
OnCall 24x7 3-year	PMB0532	PMB0532	PMB0331
OnCall 24x7 5-year	PMB0552	PMB0552	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 · Lightning arrestor - N Jack Male to N Jack Male · Extended Cable - N Plug Female	· Antenna - Reverse N female · Lightning 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 10dBi 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

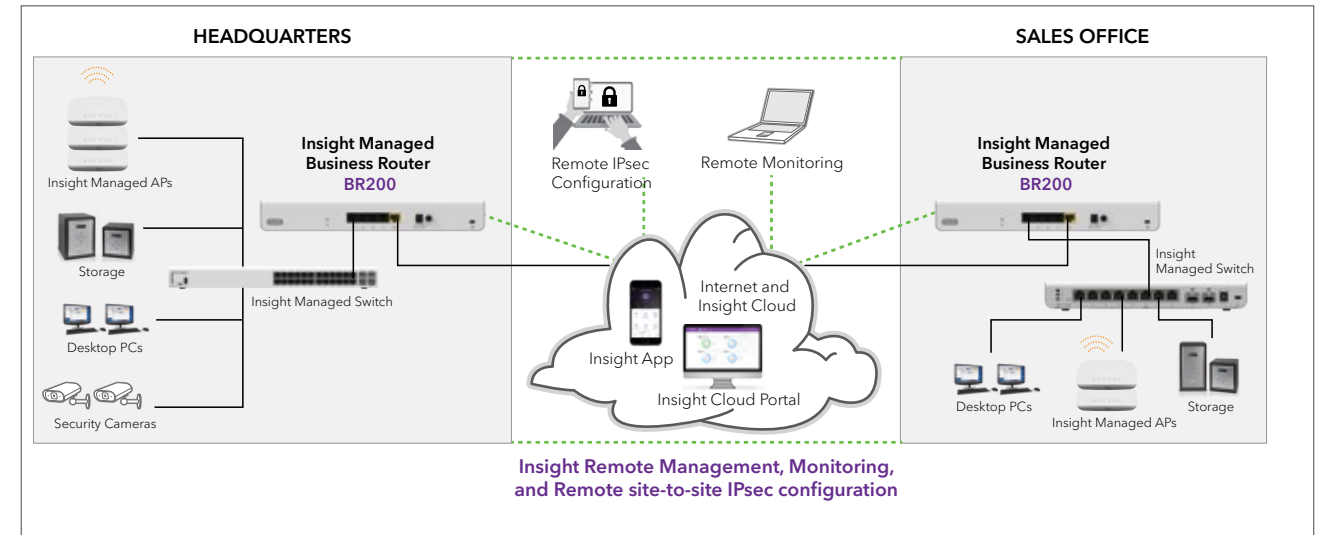
*2 years Warranties cover hardware, fans, and internal power supplies - not external power supplies or software. Warranty is only valid for the original purchaser, and modifications to product may void the warranty. See <http://www.netgear.com/about/warranty/> for details. Basic phone support for 90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

INSIGHT MANAGED BUSINESS ROUTER

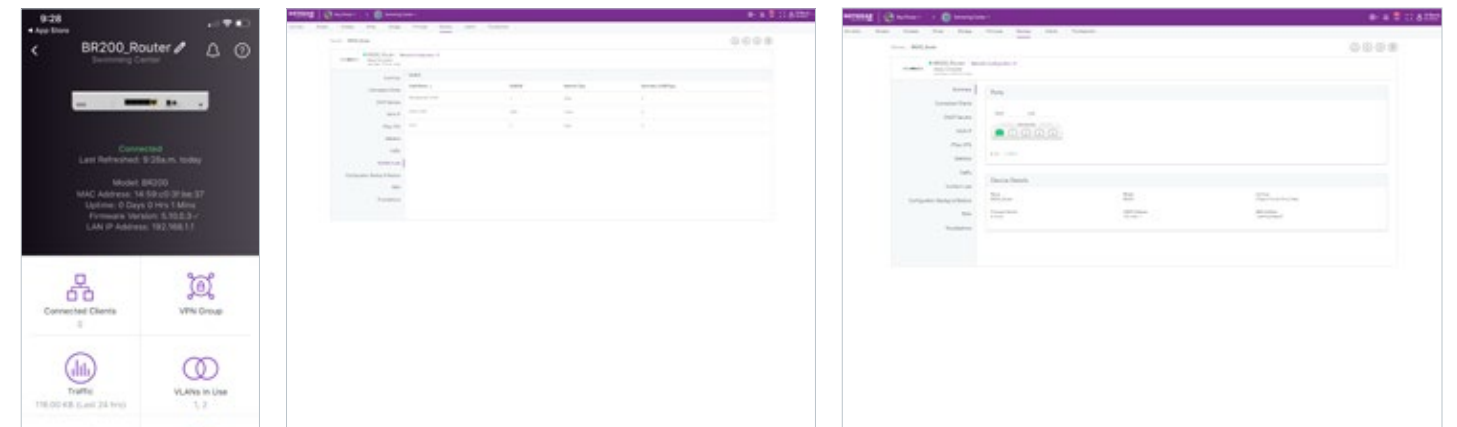
Introducing an affordable security router for SMBs



Site-to-Site VPN



Full monitoring and management through NETGEAR Insight app or Cloud Portal



BUSINESS ROUTERS

BUSINESS ROUTERS



MODEL	BR200
Product Description	Insight Managed Business Router
Typical Deployment	High performance small to medium-size businesses
CONNECTIVITY	
Gigabit Ports WAN/LAN	1/4
DMZ Interfaces (Configurable)	1
PERFORMANCE	
LAN-to-WAN Throughput ¹	924 Mbps
Maximum Number of VLANs	256
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
VoIP SIP ALG	Yes
NETWORKING	
ISP Address Assignment	DHCP, Static IP Assignment, PPPoE, PPTP
NAT Modes	1-1, NAT
Routing	Static, Dynamic, RIPv1, RIPv2
DHCP	DHCP Server (limit is 4), 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, IKEv1, IKEv2, Manual Key, Pre-shared Key, PKI, X.509v3
Access Modes	Insight remote access
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 Client Device, Internet Explorer/Firefox/Chrome/Safari Web Browser
WARRANTY	
Hardware Warranty*	2 years
Technical Support*	90 days
Next Business Day Replacement	2 years
Professional Configuration and Setup Support (remote)	PSB0304-100005
ORDERING	
Package Contents	(1) Insight Managed Business Router, (1) Ethernet Cable, (1) Installation Guide, (1) Warranty Card
Product Ordering SKU	North America: BR200-100NAS Europe: BR200-100PES, BR200-100UKS Asia Pacific: BR200-100JPS



STORAGE

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
- 10G connectivity in 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)



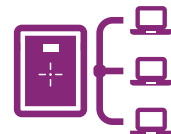
Cloud backup to Amazon, Dropbox, OneDrive, Google Drive, Azure



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

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	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	Most versatile and secure remote access: · ReadyCLOUD Collaboration, Sync & Backup · ReadyCLOUD automated VPN 5-levels of data protection · 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 · Incremental backup to another ReadyNAS · Easy recovery of full data set	Most versatile and secure remote access: · ReadyCLOUD Collaboration, Sync & Backup · ReadyCLOUD automated VPN 5-levels of data protection · 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 · Incremental backup to another ReadyNAS · Easy recovery of full data set	Most versatile and secure remote access: · ReadyCLOUD Collaboration, Sync & Backup · ReadyCLOUD automated VPN 5-levels of data protection · 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 · Incremental backup to another ReadyNAS · Easy recovery of full data set	Most versatile and secure remote access: · ReadyCLOUD Collaboration, Sync & Backup · ReadyCLOUD automated VPN 5-levels of data protection · 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 · Incremental backup to another ReadyNAS · Easy recovery of full data set
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	PMB0312 PMB0332 PMB0352	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	No	No	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 Quad Core	Intel Atom C3538 Quad 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	Most versatile and secure remote access: <ul style="list-style-type: none"> ReadyCLOUD Collaboration, Sync & Backup ReadyCLOUD automated VPN 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 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 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 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 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 ReadyNAS 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 - Disaster Recovery Solution <ul style="list-style-type: none"> Incremental backup to another ReadyNAS Easy recovery of full data set
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	PMB0313 PMB0333 PMB0353	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, 60	RAID 0,1,5,6,10, 50, 60	RAID 0,1,5,6,10, 50, 60
Auto Volume Expansion	XRAID2	XRAID2	XRAID2
Unique Features	Most versatile and secure remote access: <ul style="list-style-type: none"> ReadyCLOUD Collaboration, Sync & Backup ReadyCLOUD automated VPN ReadyNAS 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 - 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 ReadyNAS 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 - 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 ReadyNAS 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 - Disaster Recovery Solution <ul style="list-style-type: none"> Incremental backup to another ReadyNAS Easy recovery of full data set
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	PMB0313 PMB0333 PMB0353	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 0,1,5,6,10 and XRAID2	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"> · XRAID · 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 10G 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 10G 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 10G 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	80-160	80-160
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

4G LTE & 5G MOBILE DEVICES FOR INSTANT CONNECTIVITY ANYWHERE



TRI-BAND MESH WIFI WITH LTE
LTE Internet for entire workspace
Always-on WiFi for Internet failover
Expandable coverage with Orbi AC Satellites



4G LTE AND 5G PORTABLE WIFI
Secure, portable WiFi for working anywhere
WiFi offloading
Connect up to 32 devices



ALWAYS-ON BROADBAND CONNECTION
Fail-safe connectivity solutions
Ideal for remote locations
Easy Installation

MOBILE BROADBAND

SECURITY AND CONNECTIVITY FOR YOUR BUSINESS



4G LTE & 5G Portable WiFi

Nighthawk® Mobile Routers deliver gigabit 4G LTE or 5G 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



LTE Home Office WiFi

Orbi™ 4G LTE Advanced Tri-band Mesh WiFi Router delivers fast internet speeds from the 4G LTE mobile network. Access LTE as your primary Internet connection, or count on LTE as your reliable failover solution.

- Insert a Nano SIM card from AT&T, T-Mobile and other major 4G LTE Service Providers (excluding Sprint)
- Maintain business continuity when wired Internet such as fibre, cable or DSL are unavailable or disrupted. Seamlessly switch to LTE.
- NETGEAR Armor™ to guard your business network and connected devices with advanced cyber threat protection.



4G LTE Hotspots

NETGEAR Mobile Hotspots are secure, compact 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 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
- WAN port feature will be enabled with future firmware upgrade



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

More Than Just Support – A Business Partnership

NETGEAR's 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.

With an OnCall 24x7 Tech Support contract, customers will have a dedicated ProSUPPORT Hotline to call for high priority service, with a less than four-hour[†] response or call-back time. Technical support requests receive high priority escalations for issue resolution.

Please note that OnCall 24x7 Tech Support contract purchases are **non-refundable**.

Professional Configuration and Setup Assistance

Schedule an appointment for a live consultation by an expert to configure, set up, or re-configure your device.

ZERO COST - INCLUDED WITH HARDWARE PURCHASE ¹	WITH OPTIONAL PROSUPPORT ONCALL 24X7 CONTRACT
Hardware Warranty ^{1,2} - Varies by product	Hardware Warranty ^{1,2} - Varies by product
NBD Replacement during Hardware Warranty Period - Select NETGEAR Business Products	NBD Replacement during Hardware Warranty Period - Select NETGEAR Business Products
90-Day 24x7 Free Technical Support ³	Extended 24x7 Technical Support ^{3,5}
Support by Email	Support by Email
Support by Chat	Support by Chat
Support by Phone	Support by Phone
24x7 Online Chat Tech Support ^{3,4} - Select NETGEAR Business Products	24x7 Online Chat Tech Support ^{3,4} - For length of contract

[†] Except in cases of force majeure events such as war, natural disaster, strike, and other circumstances beyond reasonable control. During local non-business operating hours, English-only speaking personnel may provide the technical support.

¹ NETGEAR SMB products come with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller, and covers unmodified hardware, fans and internal power supplies. Requires product registration within 90 days of purchase; see <https://www.netgear.com/about/warranty> for details. Void if product has been modified or damaged in any way. Does not apply to software or external power adapters.

² Limited Lifetime Hardware Warranty and 24/7 Online Chat Support ends 5 years after product EOL date. Does not cover software. Does not apply to external power adapters.

³ 24x7 technical support is offered in English only; all other regions follow local business hours.

⁴ 24x7 Online Chat Tech Support duration varies by product. For Limited Lifetime Warranty products, online chat support duration ends with latter of hardware warranty or paid ProSUPPORT OnCall 24/7 contract expiration.

⁵ Varies according to the duration of the ProSUPPORT contract.

⁶ Products that contain multiple units may require separate and potentially different "Category" contracts for each unit. Refer to the specific product datasheet for more details.

NETGEAR ProSUPPORT

ProSUPPORT SKU

Services	ProSUPPORT Category	ProSUPPORT Part Number	Contract
OnCall 24x7	Category S1	PMB0S11-10000S PMB0S31-10000S PMB0S51-10000S	1 year 3 year 5 year
	Category S2	PMB0S12-10000S PMB0S32-10000S PMB0S52-20000S	1 year 3 year 5 year
	Category 1	PMB0311-10000S PMB0331-10000S PMB0351-10000S	1 year 3 year 5 year
	Category 2	PMB0312-10000S PMB0332-10000S PMB0352-10000S	1 year 3 year 5 year
	Category 3	PMB0313-10000S PMB0333-10000S PMB0353-10000S	1 year 3 year 5 year
	Category 4	PMB0314-10000S PMB0334-10000S PMB0354-10000S	1 year 3 year 5 year
Professional Setup and Configuration (Remote) ^{††}	N/A	PSB0304-10000S	

^{††} Initial consultation and follow-up installation and setup appointment (maximum 2-hours total, additional 2-hour increments available for purchase). NETGEAR requests customers allow for up to 48-hours between initial consultation and scheduled setup/configuration call.

Availability by Product

Product Category	Product Family	Hardware Warranty ^{1,2} (yrs)	90-Days FREE 24x7 Tech Support ³	Limited Lifetime 24/7 Online Chat Tech Support ^{3,4,5}	NBD Replacement During HW Warranty Period	Extended ProSUPPORT Category ⁶
Unmanaged Essentials Switches	FS205	1 yr	Y	N	N	Category S1
	FS208	1 yr	Y	N	N	Category S1
	GS205	1 yr	Y	N	N	Category S1
	GS208	1 yr	Y	N	N	Category S1
	GS605	2 yr	Y	N	N	Category S1
	GS608	2 yr	Y	N	N	Category S1
Unmanaged SOHO Switches	GS305	3 yr	Y	N	N	Category S1
	GS305P	3 yr	Y	N	N	Category S1
	GS305PP	3 yr	Y	N	N	Category S1
	GS308	3 yr	Y	N	N	Category S1
	GS308	3 yr	Y	N	N	Category S1
	GS308P	3 yr	Y	N	N	Category S1
	GS308PP	3 yr	Y	N	N	Category S1
	GS316	3 yr	Y	N	N	Category S2
	GS316P	3 yr	Y	N	N	Category S2
	GS316PP	3 yr	Y	N	N	Category S2

NETGEAR ProSUPPORT

Availability by Product (continued)

Product Category	Product Family	Hardware Warranty ^{1,2} (yrs)	90-Days FREE 24x7 Tech Support ³	Limited Lifetime 24/7 Online Chat Tech Support ^{3,4,5}	NBD Replacement During HW Warranty Period	Extended ProSUPPORT Category ⁶
Unmanaged SOHO Switches	GS324	3 yr	Y	N	N	Category S2
	GS324P	3 yr	Y	N	N	Category 2
	GS324PP	3 yr	Y	N	N	Category 2
	GS348	3 yr	Y	N	N	Category S2
	GS348PP	3 yr	Y	N	N	Category 2
Unmanaged Business Switches	FS105	Limited Lifetime ¹	Y	Y	Y	Category S1
	FS108	Limited Lifetime ¹	Y	Y	Y	Category S1
	FS108P	Limited Lifetime ¹	Y	Y	Y	Category S1
	FS116P	Limited Lifetime ¹	Y	Y	Y	Category S2
	JFS524	Limited Lifetime ¹	Y	Y	Y	Category S2
	GS105	Limited Lifetime ¹	Y	Y	Y	Category S1
	GS108	Limited Lifetime ¹	Y	Y	Y	Category S1
	GS116	Limited Lifetime ¹	Y	Y	Y	Category S2
	GS108LP	Limited Lifetime ¹	Y	Y	Y	Category S2
	GS108PP	Limited Lifetime ¹	Y	Y	Y	Category S2
	GS116LP	Limited Lifetime ¹	Y	Y	Y	Category S2
	GS116PP	Limited Lifetime ¹	Y	Y	Y	Category S2
	GS908	3 Yr	Y	N	N	Category S1
	JGS516	Limited Lifetime ¹	Y	Y	Y	Category S2
	GS516PP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS516UP	Limited Lifetime ¹	Y	Y	Y	Category 1
	JGS524	Limited Lifetime ¹	Y	Y	Y	Category S2
	GS524PP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS524UP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS110MX	Limited Lifetime ¹	Y	Y	Y	Category S2
XS505M	Limited Lifetime ¹	Y	Y	Y	Category 3	
XS508M	Limited Lifetime ¹	Y	Y	Y	Category 3	
Plus SOHO Switches	GS305E	3 yr	Y	Y	Y	Category S1
	GS308E	3 yr	Y	Y	Y	Category S1
	GS305EP	5 yr	Y	Y	N	Category S1
	GS305EPP	5 yr	Y	Y	N	Category S1
	GS308EP	5 yr	Y	Y	N	Category S1
	GS308EPP	5 yr	Y	Y	N	Category S1

NETGEAR ProSUPPORT

Availability by Product (continued)

Product Category	Product Family	Hardware Warranty ^{1,2} (yrs)	90-Days FREE 24x7 Tech Support ³³	Limited Lifetime 24/7 Online Chat Tech Support ^{3,4,5}	NBD Replacement During HW Warranty Period	Extended ProSUPPORT Category ⁶
Plus Switches	GS105E	Limited Lifetime ¹	Y	Y	Y	Category S1
	GS105PE	Limited Lifetime ¹	Y	Y	Y	Category S1
	GS108E	Limited Lifetime ¹	Y	Y	Y	Category S1
	GS108PE	Limited Lifetime ¹	Y	Y	Y	Category S1
	GS110EMX	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS116E	Limited Lifetime ¹	Y	Y	Y	Category S2
	GS750E	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS908E	3 Yr	Y	N	N	Category S1
	JGS516PE	Limited Lifetime ¹	Y	Y	Y	Category S2
	JGS524E	Limited Lifetime ¹	Y	Y	Y	Category S2
	JGS524PE	Limited Lifetime ¹	Y	Y	Y	Category S2
	XS708E	Limited Lifetime ¹	Y	Y	Y	Category S1
	XS716E	Limited Lifetime ¹	Y	Y	Y	Category S2
	XS512EM	Limited Lifetime ¹	Y	Y	Y	Category S2
	XS724EM	Limited Lifetime ¹	Y	Y	Y	Category S2
Plus Click & Easy-Mount Switches	GSS108E	Limited Lifetime ¹	Y	Y	Y	Category S1
	GSS108EPP	Limited Lifetime ¹	Y	Y	Y	Category S2
	GSS116E	Limited Lifetime ¹	Y	Y	Y	Category S2
	GS408EPP	Limited Lifetime ¹	Y	Y	Y	Category S2
Nighthawk® Pro Gaming & Streaming Advanced Ethernet Switches	GS808E	3 Yr	Y	N	N	Category S1
	GS810EMX	3 Yr	Y	N	N	Category 1
Smart SOHO Switches	GS308T	5 yr	Y	N	Y	Category S1
	GS310TP	5 yr	Y	N	Y	Category S2
	GS324T	5 yr	Y	N	Y	Category S2
	GS324TP	5 yr	Y	N	Y	Category 1
	GS348T	5 yr	Y	N	Y	Category 1
Smart Switches	FS728TLP	Limited Lifetime ¹	Y	Y	Y	Category 1
	FS728TP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS108T	Limited Lifetime ¹	Y	Y	Y	Category S1
	GS110TP	Limited Lifetime ¹	Y	Y	Y	Category S2
	GS418TPP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS510TLP	Limited Lifetime ¹	Y	Y	Y	Category S2
	GS510TP	Limited Lifetime ¹	Y	Y	Y	Category 1

NETGEAR ProSUPPORT

Availability by Product (continued)

Product Category	Product Family	Hardware Warranty ^{1,2} (yrs)	90-Days FREE 24x7 Tech Support ³	Limited Lifetime 24/7 Online Chat Tech Support ^{3,4,5}	NBD Replacement During HW Warranty Period	Extended ProSUPPORT Category ⁶
Smart Switches	GS510TPP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS516TP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS716T	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS724T	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS748T	Limited Lifetime ¹	Y	Y	Y	Category 1
	MS510TX	Limited Lifetime ¹	Y	Y	Y	Category 2
	MS510TXPP	Limited Lifetime ¹	Y	Y	Y	Category 2
	XS708T	Limited Lifetime ¹	Y	Y	Y	Category 1
	XS712T	Limited Lifetime ¹	Y	Y	Y	Category 2
	XS716T	Limited Lifetime ¹	Y	Y	Y	Category 2
	XS728T	Limited Lifetime ¹	Y	Y	Y	Category 3
	XS748T	Limited Lifetime ¹	Y	Y	Y	Category 4
Smart Switches with optional Insight Remote/ Cloud Management	GS108T	Limited Lifetime ¹	Y	Y	Y	Category S1
	GS110TP	Limited Lifetime ¹	Y	Y	Y	Category S2
	GS110TPP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS110TUP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS710TUP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS716TP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS716TPP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS724TP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS724TPP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS728TP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS728TPP	Limited Lifetime ¹	Y	Y	Y	Category 1
	GS752TP	Limited Lifetime ¹	Y	Y	Y	Category 2
	GS752TPP	Limited Lifetime ¹	Y	Y	Y	Category 2
	MS510TXM	Limited Lifetime ¹	Y	Y	Y	Category 1
MS510TXUP	Limited Lifetime ¹	Y	Y	Y	Category 1	
Stackable Smart Switch Bundles	GS752TSB	Limited Lifetime ¹	Y	Y	Y	Category 2
	GS752TPSB	Limited Lifetime ¹	Y	Y	Y	Category 2
Stackable Smart Switches	GS728TX	Limited Lifetime ¹	Y	Y	Y	Category 2
	GS728TXP	Limited Lifetime ¹	Y	Y	Y	Category 2
	GS752TX	Limited Lifetime ¹	Y	Y	Y	Category 2
	GS752TXP	Limited Lifetime ¹	Y	Y	Y	Category 3
	GS752TXS	Limited Lifetime ¹	Y	Y	Y	Category 3

NETGEAR ProSUPPORT

Availability by Product (continued)

Product Category	Product Family	Hardware Warranty ^{1,2} (yrs)	90-Days FREE 24x7 Tech Support ³	Limited Lifetime 24/7 Online Chat Tech Support ^{3,4,5}	NBD Replacement During HW Warranty Period	Extended ProSUPPORT Category ⁶
Insight Managed Smart Cloud Switches	GC108P	5 Yr	Y	N	Y	Category S2
	GC108PP	5 Yr	Y	N	Y	Category S2
	GC110	5 Yr	Y	N	Y	Category S2
	GC110P	5 Yr	Y	N	Y	Category S2
	GC510P	5 Yr	Y	N	Y	Category S2
	GC510PP	5 Yr	Y	N	Y	Category S2
	GC728X	5 Yr	Y	N	Y	Category 1
	GC728XP	5 Yr	Y	N	Y	Category 1
	GC752X	5 Yr	Y	N	Y	Category 2
	GC752XP	5 Yr	Y	N	Y	Category 2
Fully Managed Switches	GSM5212	Limited Lifetime ¹	Y	Y	Y	Category 2
	GSM7212F	Limited Lifetime ¹	Y	Y	Y	Category 2
	GSM7224	Limited Lifetime ¹	Y	Y	Y	Category 2
	GSM7224P	Limited Lifetime ¹	Y	Y	Y	Category 2
	GSM7226LP	Limited Lifetime ¹	Y	Y	Y	Category 2
	GSM7248	Limited Lifetime ¹	Y	Y	Y	Category 3
	GSM7248P	Limited Lifetime ¹	Y	Y	Y	Category 3
	GSM4212P	Limited Lifetime ¹	Y	Y	Y	Category 2
	GSM4212PX	Limited Lifetime ¹	Y	Y	Y	Category 2
	GSM4212UX	Limited Lifetime ¹	Y	Y	Y	Category 2
	MSM4214X	Limited Lifetime ¹	Y	Y	Y	Category 2
	XSM4216F	Limited Lifetime ¹	Y	Y	Y	Category 2
	GSM4210P	Limited Lifetime ¹	Y	Y	Y	Category 2
	GSM4328PA	Limited Lifetime ¹	Y	Y	Y	Category 3
	GSM4328PB	Limited Lifetime ¹	Y	Y	Y	Category 3
	GSM4328S	Limited Lifetime ¹	Y	Y	Y	Category 3
	GSM4352PA	Limited Lifetime ¹	Y	Y	Y	Category 3
	GSM4352PB	Limited Lifetime ¹	Y	Y	Y	Category 3
	GSM4352S	Limited Lifetime ¹	Y	Y	Y	Category 3
	XSM4316PA	Limited Lifetime ¹	Y	Y	Y	Category 3
XSM4316PB	Limited Lifetime ¹	Y	Y	Y	Category 3	
XSM4316S	Limited Lifetime ¹	Y	Y	Y	Category 3	
XSM4324CS	Limited Lifetime ¹	Y	Y	Y	Category 4	
XSM4324FS	Limited Lifetime ¹	Y	Y	Y	Category 4	
XSM4324S	Limited Lifetime ¹	Y	Y	Y	Category 4	
XSM4348CS	Limited Lifetime ¹	Y	Y	Y	Category 4	

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Availability by Product (continued)

Product Category	Product Family	Hardware Warranty ^{1,2} (yrs)	90-Days FREE 24x7 Tech Support ³	Limited Lifetime 24/7 Online Chat Tech Support ^{3,4,5}	NBD Replacement During HW Warranty Period	Extended ProSUPPORT Category ⁶
Fully Managed Switches	XSM4348FS	Limited Lifetime ¹	Y	Y	Y	Category 4
	XSM4348S	Limited Lifetime ¹	Y	Y	Y	Category 4
	XSM4396K0	Limited Lifetime ¹	Y	Y	Y	Category 4
	XSM4396K1	Limited Lifetime ¹	Y	Y	Y	Category 4
	CSM4532	Limited Lifetime ¹	Y	Y	Y	Category 4
	XSM4556	Limited Lifetime ¹	Y	Y	Y	Category 4
	GSM7328FS	Limited Lifetime ¹	Y	Y	Y	Category 3
Fully Managed Switch Chassis and Modules	XCM8903SK	Limited Lifetime ¹	Y	Y	Y	Category 4
	XCM8903SX	Limited Lifetime ¹	Y	Y	Y	Category 4
	XCM8903SF	Limited Lifetime ¹	Y	Y	Y	Category 4
Wireless 802.11ac Access Points	WAC104	3 Yr	Y	N	N	Category S1
	WAC124	3 Yr	Y	N	N	Category S1
	WAC505	5 Yr	Y	N	Y	Category S1
	WAC505PA	5 Yr	Y	N	Y	Category S1
	WAC505B03	5 Yr	Y	N	Y	Category S1
	WAC505B05	5 Yr	Y	N	Y	Category S1
	WAC510	5 Yr	Y	N	Y	Category S2
	WAC510PA	5 Yr	Y	N	Y	Category S2
	WAC510B03	5 Yr	Y	N	Y	Category S2
	WAC510P8	5 yr	Y	N	Y	Category 1
	WAC540	5 yr	Y	N	Y	Category 1
	WAC540B03	5 Yr	Y	N	Y	Category 1
	WAC540PA	5 Yr	Y	N	Y	Category 1
	WAC564	5 Yr	Y	N	Y	Category 1
	WAC720	Limited Lifetime ¹	Y	Y	Y	Category 1
	WAC720B03	Limited Lifetime ¹	Y	Y	Y	Category 1
	WAC730	Limited Lifetime ¹	Y	Y	Y	Category 1
	WAC730B03	Limited Lifetime ¹	Y	Y	Y	Category 1
	WAC740	Limited Lifetime ¹	Y	Y	Y	Category 1
	WBC502	5 Yr	Y	N	Y	Category 1
WBC502B2	5 Yr	Y	N	Y	Category 1	
Wireless 802.11ax Access Points	WAX610	5 Yr	Y	N	Y	Category 1
	WAX610PA	5 Yr	Y	N	Y	Category 1
	WAX610Y	5 Yr	Y	N	Y	Category 1
Wireless 802.11n Access Points	WN370	Limited Lifetime ¹	Y	Y	Y	Category 1
	WND930	Limited Lifetime ¹	Y	Y	Y	Category 2

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Availability by Product (continued)

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Wireless 802.11ax Access Points	WAX214	3 Yr	Y	N	N	Category S2	
	WAX214PA	3 Yr	Y	N	N	Category S2	
	WAX218	3 Yr	Y	N	N	Category 1	
	WAX218PA	3 Yr	Y	N	N	Category 1	
	WAX610	5 Yr	Y	Y	Y	Category 1	
	WAX610PA	5 Yr	Y	Y	Y	Category 1	
	WAX610Y	5 Yr	Y	Y	Y	Category 1	
Wireless Management Bundles	WB7520	Limited Lifetime ¹	Y	Y	Y	Category 3	
	WB7530	Limited Lifetime ¹	Y	Y	Y	Category 3	
	WB7620	Limited Lifetime ¹	Y	Y	Y	Category 4	
Wireless Management Systems	WC7500	Limited Lifetime ¹	Y	Y	Y	Category 3	
	WC7600	Limited Lifetime ¹	Y	Y	Y	Category 3	
	WC9500	Limited Lifetime ¹	Y	Y	Y	Category 4	
WiFi Systems - Orbi Pro	SRK60	5 Yr	Y	N	Y	Category 1	
	SRK60B03	5 Yr	Y	N	Y	Category 1	
	SRK60B04	5 Yr	Y	N	Y	Category 1	
	SRK60B05	5 Yr	Y	N	Y	Category 1	
	SRK60B06	5 Yr	Y	N	Y	Category 1	
	SRR60	5 Yr	Y	N	Y	Category 1	
	SRS60	5 Yr	Y	N	Y	Category 1	
	SRC60	5 Yr	Y	N	Y	Category 1	
	SXK80	5 Yr	Y	N	Y	Category 2	
	SXK80B3	5 Yr	Y	N	Y	Category 2	
	SXK80B4	5 Yr	Y	N	Y	Category 2	
	SXS80	5 Yr	Y	N	Y	Category 2	
	WiFi Systems - Orbi Pro	SRK60	5 Yr	Y	N	Y	Category 1
		SRK60B03	5 Yr	Y	N	Y	Category 1
SRK60B04		5 Yr	Y	N	Y	Category 1	
SRK60B05		5 Yr	Y	N	Y	Category 1	
SRK60B06		5 Yr	Y	N	Y	Category 1	
SRR60		5 Yr	Y	N	Y	Category 1	
SRS60		5 Yr	Y	N	Y	Category 1	
SRC60		5 Yr	Y	N	Y	Category 1	
SXK80		5 Yr	Y	N	Y	Category 2	
SXK80B3		5 Yr	Y	N	Y	Category 2	
SXK80B4		5 Yr	Y	N	Y	Category 2	
SXS80		5 Yr	Y	N	Y	Category 2	

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Availability by Product (continued)

Product Category	Product Family	Hardware Warranty ^{1,2} (yrs)	90-Days FREE 24x7 Tech Support ³	Limited Lifetime 24/7 Online Chat Tech Support ^{3,4,5}	NBD Replacement During HW Warranty Period	Extended ProSUPPORT Category ⁶
ReadyNAS Desktop RN210 Series	RN21200	3 Yr	Y	N	Y	Category 1
	RN212D22	3 Yr	Y	N	Y	Category 1
	RN21400	3 Yr	Y	N	Y	Category 2
	RN214D42	3 Yr	Y	N	Y	Category 2
ReadyNAS Desktop RN420 Series	RN42200	5 Yr	Y	N	Y	Category 2
	RN422D2	5 Yr	Y	N	Y	Category 2
	RN422D4	5 Yr	Y	N	Y	Category 2
	RN422D6	5 Yr	Y	N	Y	Category 2
	RN422E2	5 Yr	Y	N	Y	Category 2
	RN422E4	5 Yr	Y	N	Y	Category 2
	RN422E6	5 Yr	Y	N	Y	Category 2
	RN42400	5 Yr	Y	N	Y	Category 2
	RN424D2	5 Yr	Y	N	Y	Category 2
	RN424D4	5 Yr	Y	N	Y	Category 2
	RN424D6	5 Yr	Y	N	Y	Category 2
	RN424E2	5 Yr	Y	N	Y	Category 2
	RN424E4	5 Yr	Y	N	Y	Category 2
	RN424E6	5 Yr	Y	N	Y	Category 2
	RN426E1	5 Yr	Y	N	Y	Category 3
	RN426E2	5 Yr	Y	N	Y	Category 3
	RN42600	5 Yr	Y	N	Y	Category 3
	RN426D2	5 Yr	Y	N	Y	Category 3
	RN426D4	5 Yr	Y	N	Y	Category 3
	RN426E4	5 Yr	Y	N	Y	Category 3
RN426E6	5 Yr	Y	N	Y	Category 3	
RN42800	5 Yr	Y	N	Y	Category 3	
RN428E4	5 Yr	Y	N	Y	Category 3	
RN428E6	5 Yr	Y	N	Y	Category 3	
ReadyNAS Desktop RN516 Series	RN51600	5 Yr	Y	N	Y	Category 3
ReadyNAS Desktop RN520X Series	RN524XD4	5 Yr	Y	N	Y	Category 3
	RN526X00	5 Yr	Y	N	Y	Category 3
	RN526XD4	5 Yr	Y	N	Y	Category 3
	RN526XD6	5 Yr	Y	N	Y	Category 3
	RN526XE4	5 Yr	Y	N	Y	Category 3
	RN526XE6	5 Yr	Y	N	Y	Category 3
	RN528X00	5 Yr	Y	N	Y	Category 3
	RN528XE4	5 Yr	Y	N	Y	Category 3
	RN528XE6	5 Yr	Y	N	Y	Category 3

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Availability by Product (continued)

Product Category	Product Family	Hardware Warranty ^{1,2} (yrs)	90-Days FREE 24x7 Tech Support ³	Limited Lifetime 24/7 Online Chat Tech Support ^{3,4,5}	NBD Replacement During HW Warranty Period	Extended ProSUPPORT Category ⁶
ReadyNAS Desktop RN620X Series	RN626X00	5 Yr	Y	N	Y	Category 3
	RN626XE4	5 Yr	Y	N	Y	Category 3
	RN626XE6	5 Yr	Y	N	Y	Category 3
ReadyNAS Rackmount RR2300 Series	RR230400	5 Yr	Y	N	Y	Category 2
	RR2304G2	5 Yr	Y	N	Y	Category 2
	RR2304G4	5 Yr	Y	N	Y	Category 2
	RR2304G6	5 Yr	Y	N	Y	Category 2
	RR231200	5 Yr	Y	N	Y	Category 3
	RR331200	5 Yr	Y	N	Y	Category 4
	RR2312G4	5 Yr	Y	N	Y	Category 3
	RR3312G4	5 Yr	Y	N	Y	Category 4
	RR2312G6	5 Yr	Y	N	Y	Category 3
	RR3312G6	5 Yr	Y	N	Y	Category 4
	RR2312G8	5 Yr	Y	N	Y	Category 3
	RR2312H8	5 Yr	Y	N	Y	Category 3
	ReadyNAS Rackmount RN3100 Series	RN3138	5 Yr	Y	N	Y
RN31842E		5 Yr	Y	N	Y	Category 3
RN31844E		5 Yr	Y	N	Y	Category 3
ReadyNAS Rackmount RR3300 Series	RR3312G2	5 Yr	Y	N	Y	Category 4
	RR3312G4	5 Yr	Y	N	Y	Category 4
	RR3312G6	5 Yr	Y	N	Y	Category 4
	RR331200	5 Yr	Y	N	Y	Category 4
ReadyNAS Rackmount RR4300 Series	RR4312S0	5 Yr	Y	N	Y	Category 4
	RR4312S0	5 Yr	Y	N	Y	Category 4
	RR4312S4	5 Yr	Y	N	Y	Category 4
	RR4312S4	5 Yr	Y	N	Y	Category 4
	RR4312S6	5 Yr	Y	N	Y	Category 4
	RR4312S8	5 Yr	Y	N	Y	Category 4
	RR4312X0	5 Yr	Y	N	Y	Category 4
	RR4312X0	5 Yr	Y	N	Y	Category 4
	RR4312X4	5 Yr	Y	N	Y	Category 4
	RR4312X4	5 Yr	Y	N	Y	Category 4
RR4312X6	5 Yr	Y	N	Y	Category 4	
RR4312X8	5 Yr	Y	N	Y	Category 4	
ReadyNAS Rackmount RR4300 Series	RR4360X0	5 Yr	Y	N	Y	Category 4
	RR4360S0	5 Yr	Y	N	Y	Category 4



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.

CONNECTED HOME PRODUCTS

Advanced features

The fastest available 802.11ac and 802.11ax WiFi speeds

High-end processors for optimized performance

Feature-rich products with technologies such as Dynamic QoS, Beamforming+, FastLane, VPN, OFDMA, and Smart Connect

Gigabit and Multi-Gig 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:

NETGEAR Armor™ Powered by Bitdefender®

ReadySHARE USB

ReadySHARE Vault

Circle Smart Parental Controls

Voice Control using Amazon Alexa and the Google Assistant

Learn more: www.netgear.com/nighthawk



ORBI™ WHOLE HOME MESH WIFI SYSTEMS

Enjoy faster, stronger, smarter WiFi for your entire home.
Better WiFi. Everywhere.

The Orbi™ WiFi 6 family of products keep growing with more ways to stay connected via Cable and 4G LTE. Built with the latest and fastest WiFi 6 technology, the Orbi™ Tri-Band Mesh WiFi Router with Built-in 4G LTE Advanced Modem, the Orbi™ Whole Home WiFi 6 System with DOCSIS®3.1 Built-in Cable Modem, and the Orbi™ Tri-Band WiFi 6 Mesh System provide the ultimate smart home experience with flexible WiFi coverage and connection capacity beyond belief.

Ideal for Gigabit and multi-gigabit Internet speed service, supporting up to 2.2Gbps, 4.2Gbps, and 6Gbps download speeds, respectively. Keep ALL WiFi connections strong, in every room, all the time with enough bandwidth for all your devices. Add on or place a Satellite anywhere in your home to get Gigabit speeds where you want them. NETGEAR Armor™ protects your home from Internet threats by providing best-in-class anti-virus protection for all your connected devices.

Learn more: www.netgear.com/orbi

AWARD-WINNING HOME NETWORKING PRODUCTS

NETGEAR M5 5G WiFi 6 Mobile Router



NETGEAR Mobile Routers elevate the secure mobile WiFi experience for your business and your teams. The NETGEAR® Nighthawk® M5 Mobile Router brings WiFi 6 together with 5G, combining the latest WiFi and cellular technologies to deliver blazing fast 5G or LTE speeds to all your connected devices.

Fast speed for downloading, streaming and media sharing - everything you do at the office, can now be done virtually anywhere you go.

Learn more: netgear.com/home/products/mobile-broadband/mobilerouters/MR5200.aspx

Cable Modem Routers



Experience a new generation of WiFi 6 router with a built-in DOCSIS® 3.1 cable modem that delivers blazing-fast Multi-Gigabit Internet. With link aggregation, 2.5Gbps Ethernet port, and 4 times the capacity to handle more WiFi devices, the Nighthawk® Multi-Gigabit speed Cable Modem router delivers a truly next level experience without limitations.

Learn more: netgear.com/home/products/networking/cable-modems-routers/cax80.aspx

NIGHTHAWK® WiFi ROUTERS

Leading the New Era of WiFi

Nighthawk® Tri-band AX12 12-Stream WiFi 6 Router



Nighthawk Tri-band AX12 12-Stream WiFi 6 Router is the fastest router for Gigabit internet with combined speeds up to 10.8Gbps . Gigabit speeds over tri-band WiFi can support far more data simultaneously, making it possible to stream music in the kitchen, 4K video in the living room and multi-player online gaming without a hiccup.

Learn more: netgear.com/AXWiFi

Nighthawk® AX12 12-Stream WiFi 6 Router



The NETGEAR Nighthawk AX12 12-Stream WiFi 6 Router (RAX120) supports Wi-Fi 6 (802.11ax) the latest Wi-Fi 6 technology helps deliver the fastest speeds to all your connected device of today and tomorrow with 4x more capacity, and 100% backwards compatible.

Learn more: netgear.com/AXWiFi

NIGHTHAWK® WiFi 6 MESH SYSTEM

Advanced Whole Home WiFi

Nighthawk® Mesh WiFi 6 System (MK62)



With Nighthawk Mesh WiFi System, you'll enjoy whole home WiFi designed to deliver smooth video streaming and fast online gaming to more devices at the same time. Experience the next generation of WiFi 6, perfect for medium to large homes up to 4,500 sq. ft. /3,000sq ft and internet speeds over 100Mbps.

Learn more: netgear.com/home/products/networking/nighthawk-mesh/mk62.aspx

Nighthawk® Mesh WiFi 6 System (MK63)



With Nighthawk Mesh WiFi 6 System, experience the future of WiFi with the next-generation 802.11ax (WiFi 6). Enjoy dual-band technology designed to handle 4X more connections with lag-free gaming and smooth streaming. Perfect for medium-sized smart homes.

Learn more: netgear.com/home/products/networking/nighthawk-mesh/mk63.aspx