NETGEAR®
BUSINESS

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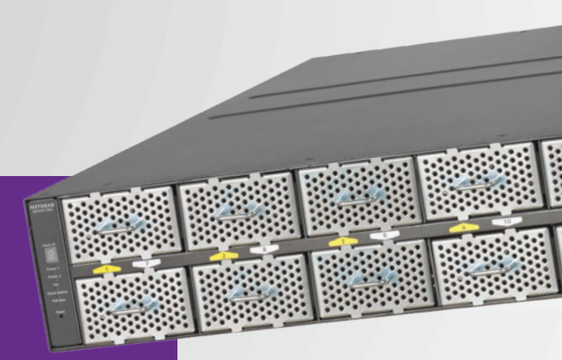
NETGEAR®
BUSINESS

Switching & Security Product Catalog

Solutions for all businesses, designed with simplicity in mind without big IT cost.

Volume 19 – 1



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NETGEAR® BUSINESS

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

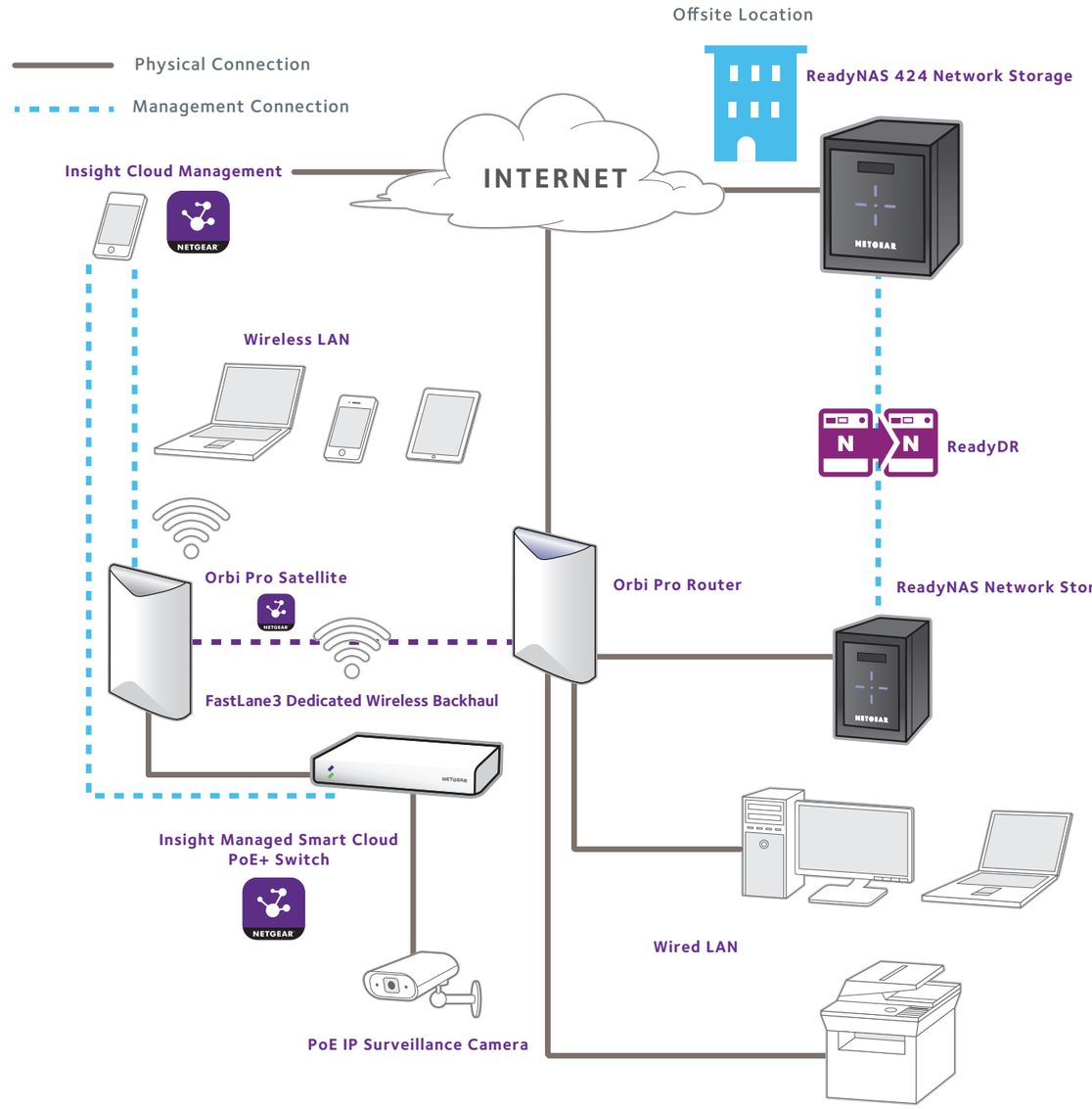
NETGEAR SWITCHES

Get the most comprehensive and versatile switching portfolio

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

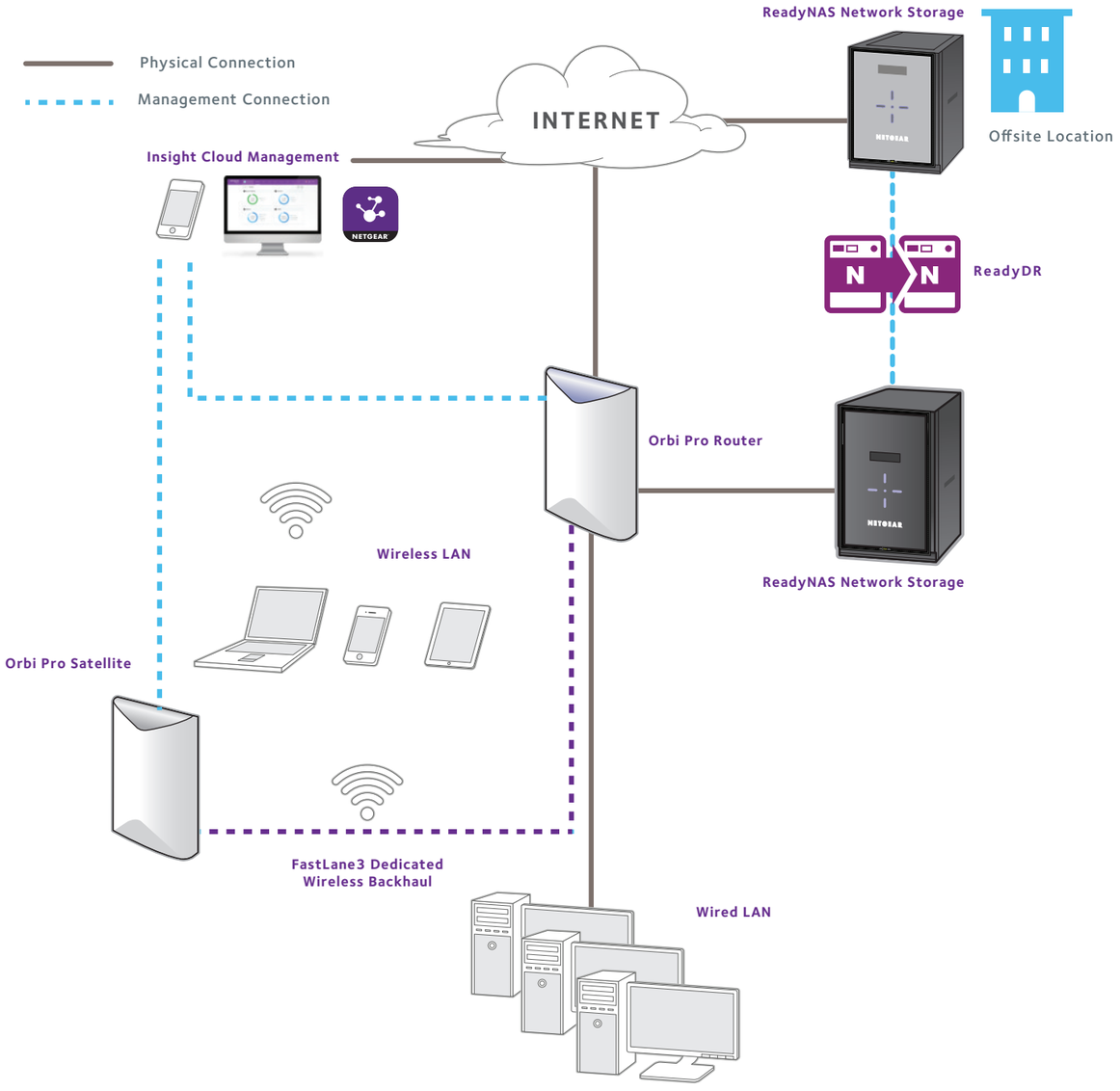
NETWORK SOLUTION FOR SMALL OFFICE AND HOME OFFICE (SOHO) 1-5 USERS

Connection Setup



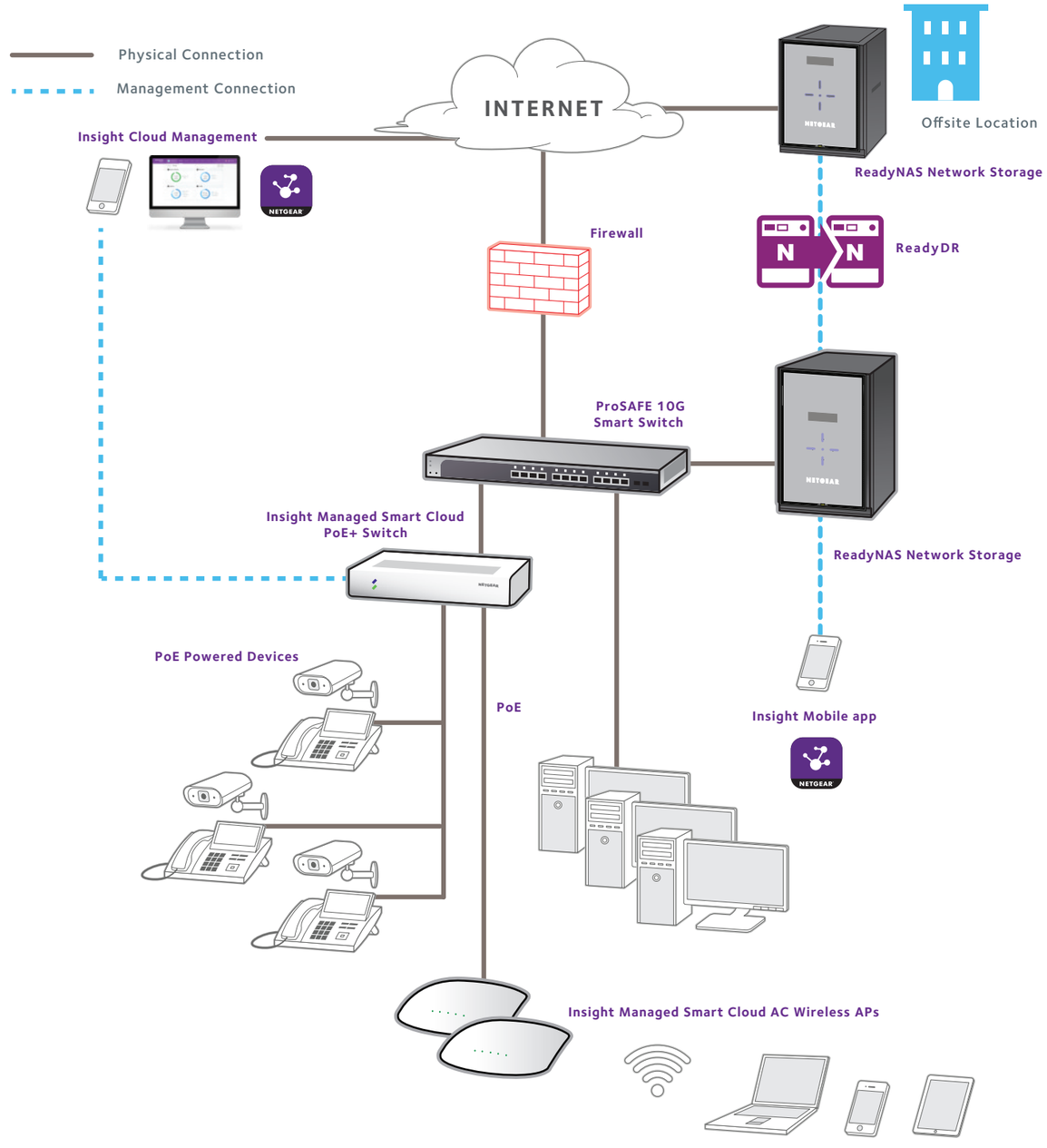
WIRE FREE SOLUTION
ORBI PRO, 5-80 USERS

Connection Setup



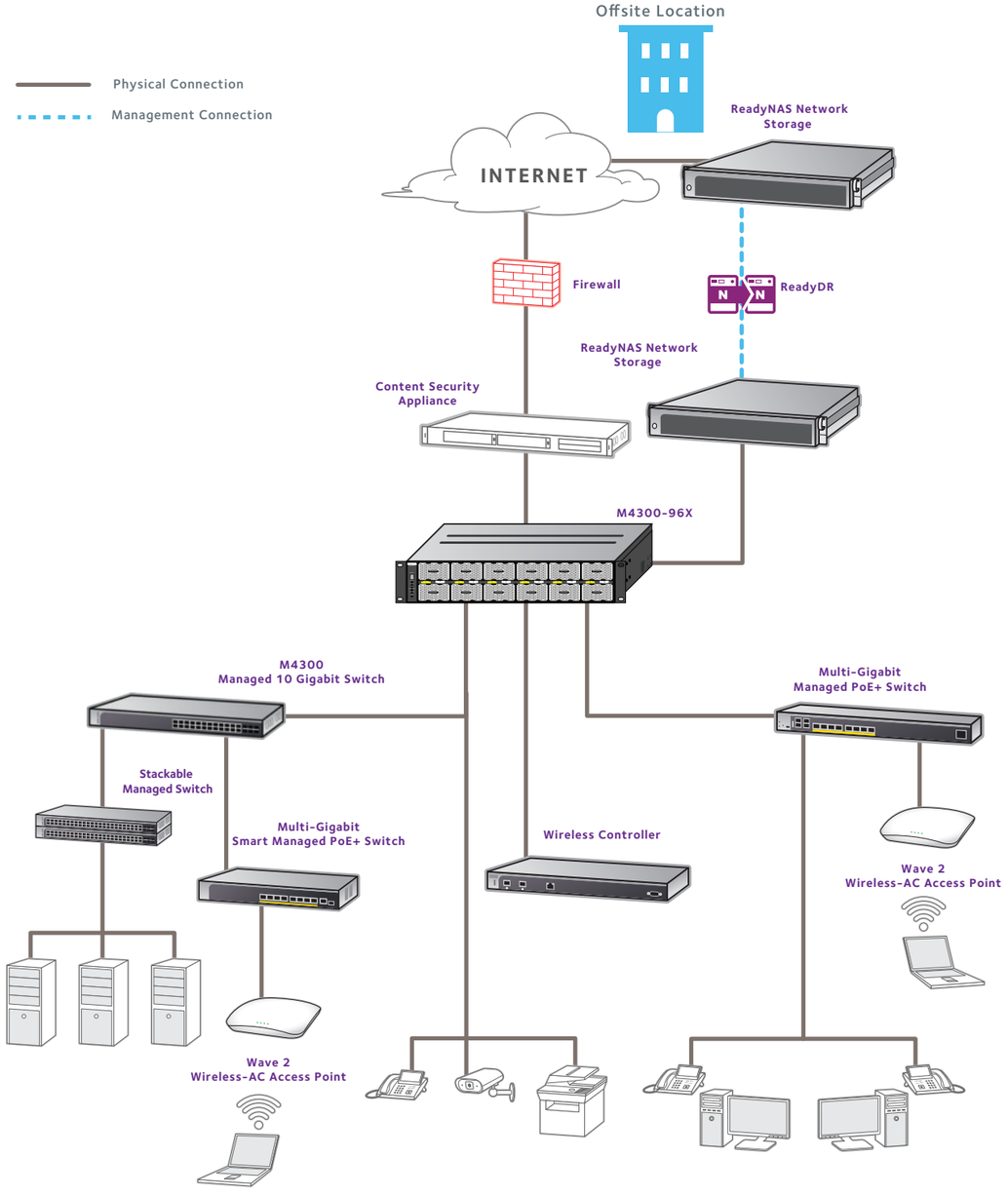
WIRED SOLUTION
INSIGHT, 5-150 USERS

Connection Setup



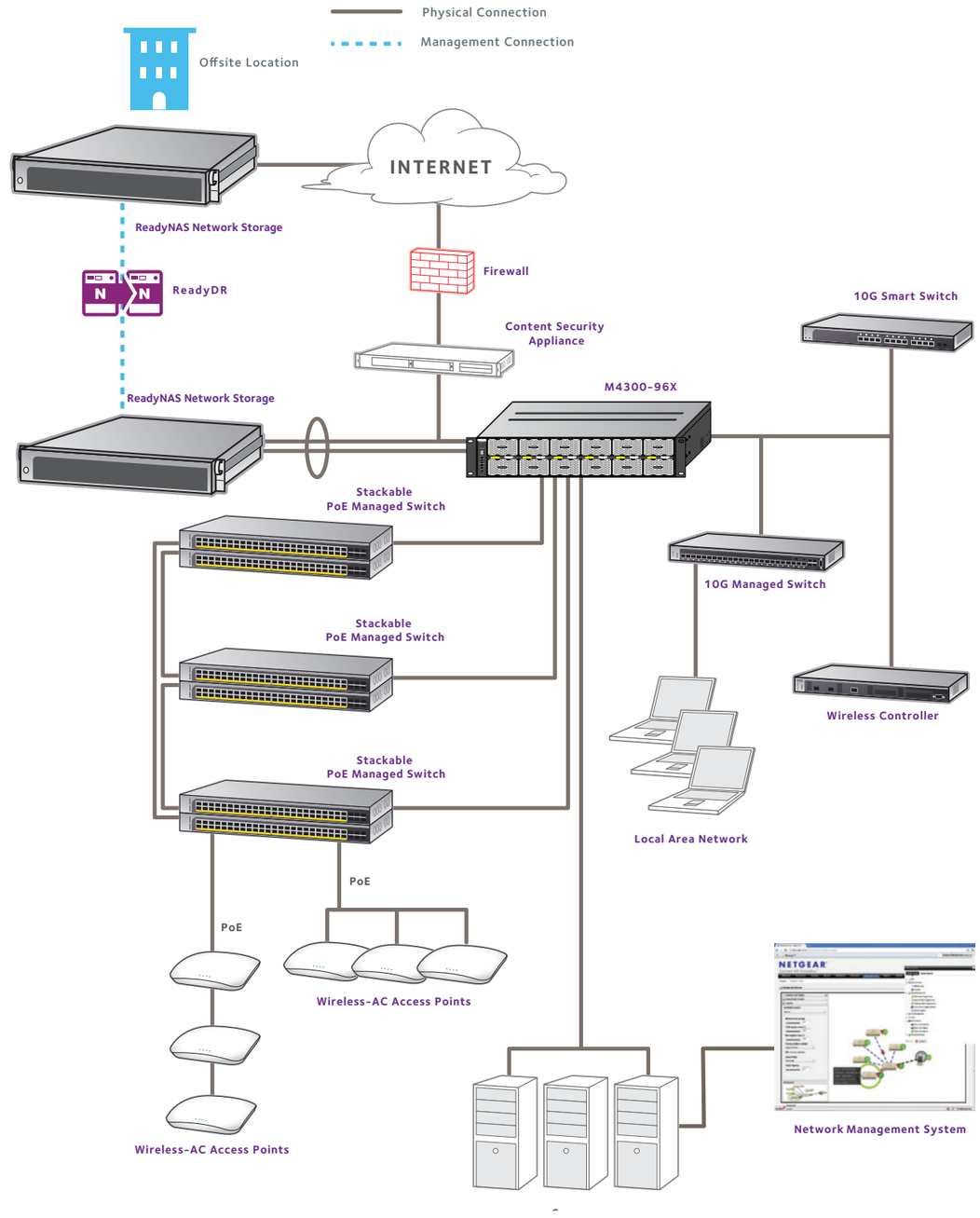
NETWORK SOLUTION FOR A GROWING MID-SIZE BUSINESS, 75-250 USERS

Connection Setup



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

Connection Setup



NETGEAR FEATURES THE MOST COMPREHENSIVE, SCALABLE AND AFFORDABLE SWITCHING PORTFOLIO

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

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

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

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

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

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

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

Just pick the switch that's best for you!

	UNMANAGED	SMART MANAGED PLUS	SMART MANAGED PRO	SMART CLOUD	FULLY MANAGED	CHASSIS
Customer	Small			Small		
		Mid-sized				
Switching	L2		L2+/Lite L3		L2+/L3	L2/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 | 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	
Management	NA	NMS300		Insight	NMS300	

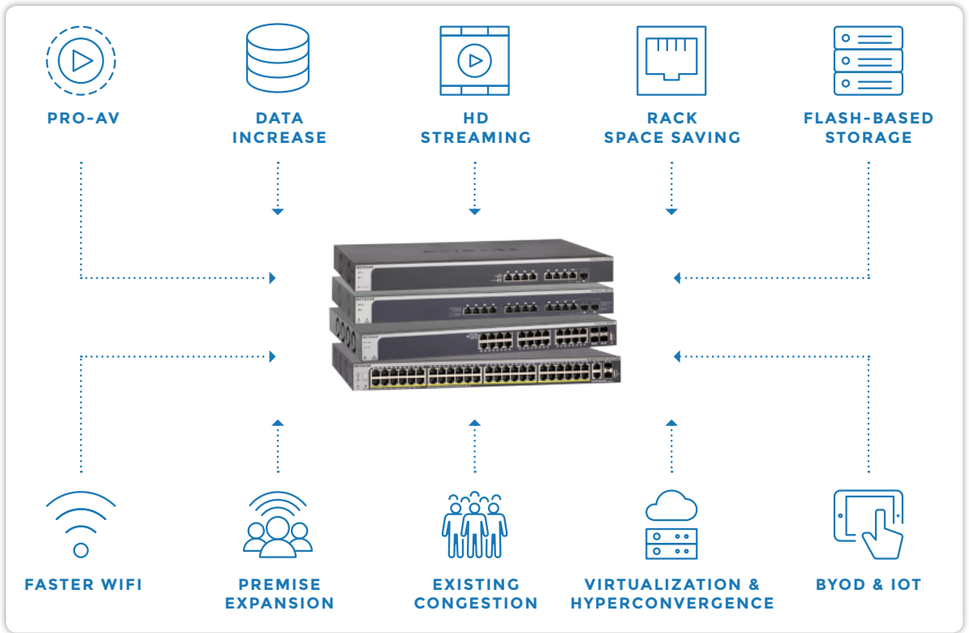
EXPERIENCE THE MOST COMPREHENSIVE AND AFFORDABLE FULL 10-GIGABIT BUSINESS SWITCH PORTFOLIO

Connectivity matters more every day!

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

10 drivers for 10-Gigabit networking

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



NETGEAR 10-Gigabit Portfolio

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

Follow the X!

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

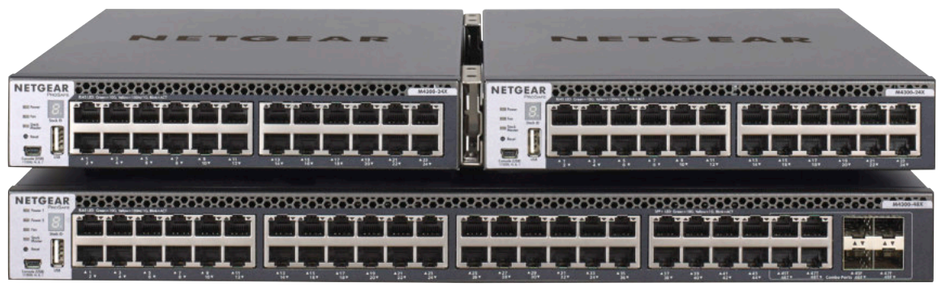
Full 10-Gigabit X models comparison charts.
Just pick the one that's best for you!

FULL 10-GIGABIT X MODELS

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

STACKABLE M4300 SERIES MODELS

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



NETGEAR INDUSTRY-FIRST CLICK & EASY-MOUNT SWITCHES

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

Click Switch Deployment Innovation

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

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

Easy-Mount "Virtually Anywhere" Mounting System

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

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

Just pick the one that fits your needs!

CLICK SWITCH

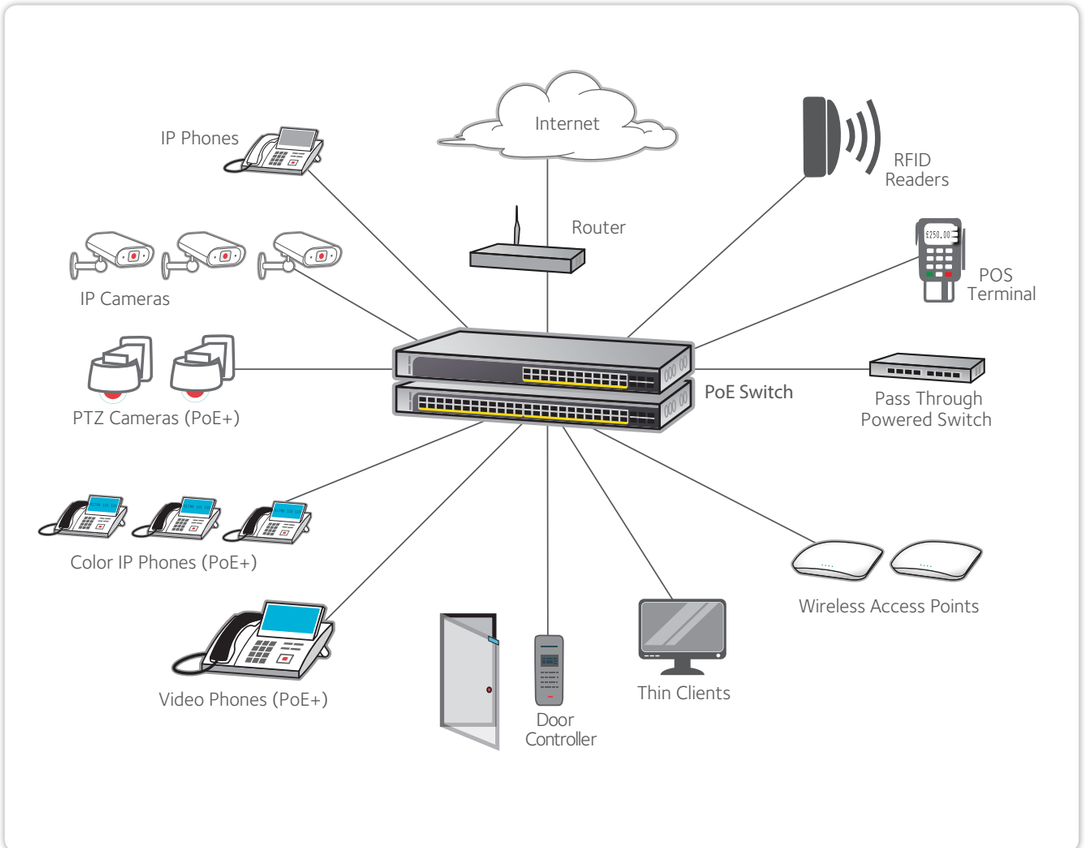
EASY-MOUNT SWITCH/RACKMOUNT & BACK TO BACK IN 1U

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

RELIABLE, AFFORDABLE, SIMPLE POE SOLUTIONS FOR YOUR BUSINESS

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

PoE APPLICATIONS



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

NETGEAR SWITCHES WITH POE / POE+ / UPOE			
MODEL	PORTS	POE PORTS	POE BUDGET
UNMANAGED SWITCHES			
FS108P	8 x FE	4	53W
FS116P	16 x FE	8	70W
GS305P	5 x GbE	4	55.5W
GS308P	8 x GbE	4	53W
GS108LP	8 x GbE	8 (PoE+)	60W*
GS108PP	8 x GbE	8 (PoE+)	123W*
GS116LP	16 x GbE	16 (PoE+)	76W*
GS116PP	16 x GbE	16 (PoE+)	183W*
SMART MANAGED PLUS SWITCHES			
GS105PE* (PD-Powered Device ONLY - NO AC POWER)	5 x GbE	2 x PoE, 1 x PD	up to 19W with 802.3at power in, up to 7.9W with 802.3af power in
GS108PE	8 x GbE	4	53W
GSS108EPP	8 x GbE	4 (PoE+)	47W
GS408EPP	8 x GbE	8 (PoE+)	124W
JGS516PE	16 x GbE	8	85W
JGS524PE	24 x GbE	12	100W
SMART MANAGED PRO SWITCHES			
GS310TP	8 x GbE + 2 SFP	8 (PoE+)	55W
GS110TP	8 x GbE + 2 SFP	8	46W
GS510TP	8 x GbE + 2 SFP	8 (PoE+)	130W
GS510TPP	8 x GbE + 2 SFP	8 (PoE+)	190W
MS510TXPP	4 x GbE + 2 x 2.5GbE + 2 x 5GbE + 1 x 10GBASE-T + 1 x SFP+	8 (PoE+)	180W
GS516TP	16 x GbE	8 x PoE, 2 x PD	76W (AC in), 22W (2x802.3at in), 11W (1x802.3at + 1x802.3af in)
GS418TPP	16 x GbE + 2 SFP	16 (PoE+)	240W
FS728TLP	24 x FE + 2 x GbE + 2 Combo SFP	12	100W
FS728TP	24 x FE + 2 x GbE + 2 x Combo SFP	24	192W
GS324TP	24 x GbE + 2 SFP	24(PoE+)	190W
GS724TPv2	24 x GbE and 2 GbE dedicated SFP	24 (PoE+)	190W
GS728TP	24 x GbE and 4 GbE dedicated SFP	24 (8 PoE+)	192W
GS728TPv2	24 x GbE and 4 GbE dedicated SFP	24 PoE+	190W
GS728TPP	24 x GbE and 4 GbE dedicated SFP	24 PoE+	384W
GS728TPPv2	24 x GbE and 4 GbE dedicated SFP	24 PoE+	380W
GS752TP	48 x GbE and 4 GbE deciated SFP	48 (8 PoE+)	384W
GS752TPv2	48 x GbE and 4 GbE dedicated SFP	48 PoE+	380W
GS752TPP	48 x GbE and 4 GbE decidated SFP	48 PoE+	760W
STACKABLE SMART MANAGED PRO SWITCHES			
S3300-28X-POE+ (GS728TXP)	24 x GbE + 4 Dedicated 10G ports (2 RJ45 + 2 SFP+)	24 (PoE+)	195W and up to 720W with RPS
S3300-52X-POE+ (GS752TXP)	48 x GbE + 4 Dedicated 10G ports (2 RJ45 + 2 SFP+)	48 (PoE+)	390W and up to 1400W with RPS
GS752TPSB (incl. AGC761 stacking cable)	48 x GbE and 2 Combo SFP and 4 Dedicated 1G/2.5G SFP	48 (8 PoE+)	384W
SMART CLOUD MANAGED SWITCHES			
GC110P	8 x GbE + 2 x 1G SFP	8	62W
GC510P	8 x GbE + 2 x 1G SFP	8 (PoE+)	134W
GC510PP	8 x GbE + 2 x 1G SFP	8 (PoE+)	195W
GC728XP	24 x GbE + 2 x 1G SFP + 2 x 10G SFP+	24 (PoE+)	390W
GC752XP	48 x GbE + 2 x 1G SFP + 2 x 10G SFP+	48 (PoE+)	505W
M4100 SERIES MANAGED SWITCHES (L2+ STANDALONE)			
M4100-12GF (GSM7212F)	12 x GbE with 12 shared SFP and 4 GbE PoE+	4 (PoE+)	150W
M4100-26G-POE (GSM7226LP)	26 x GbE + 4 Combo SFP	24	192W and up to 380W with EPS
M4100-24G-POE+ (GSM7224P)	24 x GbE + 4 Combo SFP	24 (PoE+)	380W and up to 720W with EPS
M4100-50G-POE+ (GSM7248P)	50 x GbE + 4 Combo SFP	48 (PoE+)	380W and up to 1,440W with EPS
M4200 SERIES INTELLIGENT EDGE MANAGED SWITCHES (L2+ L3 MULTI-GIGABIT)			
M4200-10MG-POE+ (GSM4210P)	8 x 2.5G + 2 x 10GBASE-T	8 (PoE+)	240W
M4300 SERIES INTELLIGENT EDGE MANAGED SWITCHES (L2+ L3 STACKABLE)			
M4300-28G-POE+ (GSM4328PA)	24 x GbE + 2 x 10GBASE-T + 2 x 10GBASE-X SFP+	24 (PoE+)	480W 1 PSU (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
M4300-96X (XSM4396K0)	Up to 96 x 10GBASE-T or SFP+; up to 24 x QSFP+	48 (PoE+)	484W (110V) 634W (220V) 1 PSU (APS1200W) 1440W (2 PSU) (APS1200W)
M6100 SERIES CAMPUS EDGE AND SMB CORE CHASSIS SWITCHES			
XCM89P	PoE/PoE+ daughter card for XCM8944 & XCM8948	Up to 136 PoE+	Up to 30W per port
XCM89UP	PoE/PoE+ & UPOE daughter card for XCM8944 & XCM8948	Up to 136 UPOE	Up to 60W per port
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.
* New Flexible PoE Power budgets with GS108LP/GS108PP/GS116LP/GS116PP allow for upgrading your PoE budget by purchasing an optional replacement power adapter.

Switch Naming Convention

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

FS/JFS | GS/JGS | GSS | MS | XS | 1 | 08 | E | M | X | LP | P | PP

- Fast Ethernet
- Gigabit Ethernet
- Gigabit Ethernet ClickSwitch
- Multigigabit Ethernet (5-speed)
- 10-Gigabit Ethernet
- Series (see below for legend)
- Number of Ports
- Smart Managed Plus
- Multigigabit Ethernet (5-speed) uplinks (GS-Series)* capable ports (XS-Series)
- 10-Gigabit uplinks
- Low Power PoE
- PoE or PoE+
- High Power PoE or PoE+

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

FS | GS | GC | MS | XS | 7 | 52 | T | X | LP | P | PP | S

- Fast Ethernet
- Gigabit Ethernet
- Smart Cloud Gigabit Ethernet
- Multigigabit Ethernet (5-speed)
- 10-Gigabit Ethernet
- Series (see below for legend)
- Number of Ports
- Smart Managed Pro
- 10-Gigabit uplinks
- Low Power PoE
- PoE or PoE+
- High Power PoE or PoE+
- Stackable

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

Fully Managed Switches – How to read the product code

GS | M | 7 | 3 | 28 | S

- Gigabit Ethernet
- Fully Managed
- Switch Series
- Layer 3
- Number of Ports
- Stackable

XS | M | 7 | 2 | 24 | S

- 10-Gigabit Ethernet
- Fully Managed
- Switch Series
- Layer 2+
- Number of Ports
- Stackable

Legend

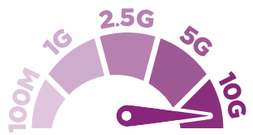
1 = Desktop (ProSAFE, Insight)
2 = Desktop Essentials (Plastic)
3 = Desktop Essentials (Metal)
4 = Easy-Mount
5 = Desktop/Rackmount (13")
6 = Desktop SOHO (Plastic)
7 = Rackmount (17")
8 = Nighthawk Pro Gaming (Desktop)
9 = Desktop Lifestyle (Plastic)

A SHORT GUIDE TO NETGEAR SWITCHES MANAGEMENT

Just pick the type of management that is right for you

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

UNLOCK YOUR NETWORK POTENTIAL WITH 5-SPEED NETWORKING!



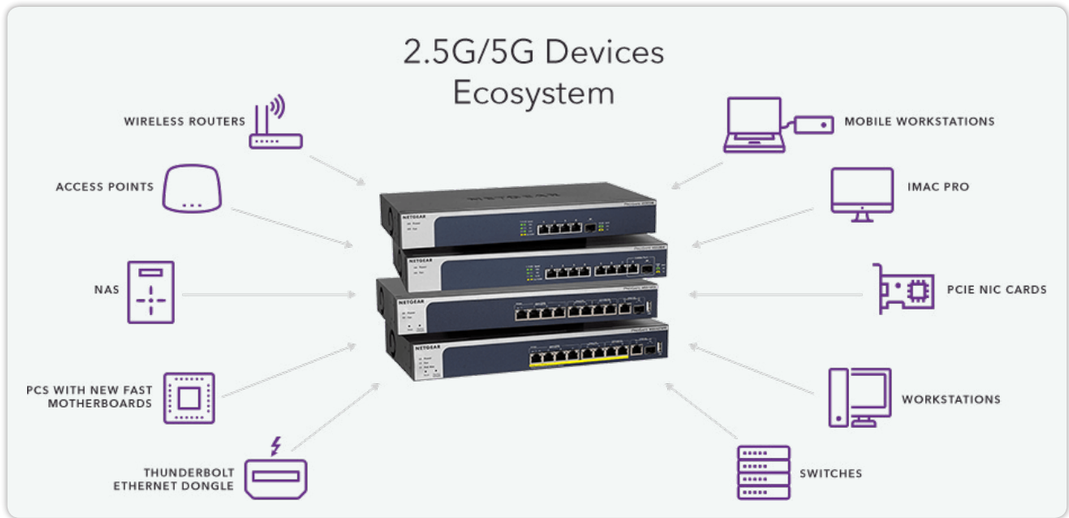
Modern, high-performance network devices such as 5G network cards, gaming computers, desktop computers, servers, network attached storage (NAS) devices, or IEEE 802.11ac Wave 2 wireless access points are capable of 2.5-Gigabit or 5-Gigabit connectivity. With the existing Gigabit and 10-Gigabit Ethernet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

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

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

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

Give the speed that your devices need



5 TIMES FASTER USING THE SAME CABLING

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

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

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

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

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

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

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

Matrix switching challenges

Lack of scalability

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

Proprietary technology & lack of compatibility

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

Complex deployment

- Complicated programming required
- Complex firmware updates

AV-over-IP with NETGEAR

Unprecedented cost savings

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

Increased I/O flexibility & scalability

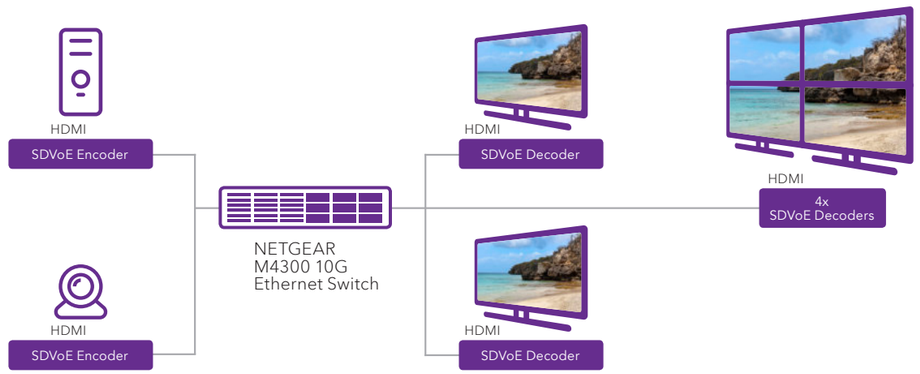
- Ethernet ports are fully bi-directional so each port may be treated as an AV input or an AV output.
- Flexible 1x23, 6x18, 4x20 are all possible.

Pre-configured – Plug and Play

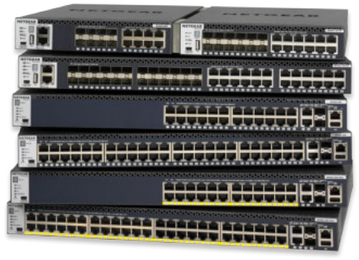
- Firmware optimized for 4K60 video out of the box
- SDVoE-ready with pre-configured Multicast/IGMP

More business with more profits

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



M4300 series



Pre-configured AV-over-IP switches

Large portfolio of ProAV switches

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

Zero-Touch installation

- Pre-configured Multicast/ IGMP

Best-In-Class stacking

- high-availability stacking between 10G & 1G

ProSAFE Lifetime Limited Warranty

- Next Business Day Replacement, Lifetime Online chat support

M4300-96X focus

Unique 10G / 40G modular solution

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

Scalable

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

High-capacity

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

NETGEAR – SDVoE* founding member

AQUANTIA CHRISTIE NETGEAR SEMTECH SONY zeevee Signal Intelligence

SDVoE mission

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

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

Get help from our experts

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

WHY CUSTOMERS CHOOSE NETGEAR UNMANAGED SWITCHES

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

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

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

Discover the 10 reasons why our customers love NETGEAR Unmanaged Switches

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

Unmanaged Switches

Unmanaged, L2, 10/100 Fast Ethernet

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

Unmanaged Switches

Unmanaged, L2, 10/100 Fast Ethernet

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

Unmanaged Switches

Unmanaged, L2, Gigabit

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

Unmanaged Switches

Unmanaged, L2, Gigabit

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

Unmanaged Switches

Unmanaged, L2, Gigabit

MODEL		GS105	GS108	GS108LP	GS108PP
Port Configuration	10M/100M RJ45 Copper Ports (Auto Uplink)				
	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	5	8	8	8
PoE	# of PoE Ports			8	8
	Power Over Ethernet 802.3af Ports			8	8
	PoE Plus (30W) 802.3at Ports				
	Total PoE/PoE+ Budget			60W	123W
Scalability	# MAC Addresses	2K	4K	4K	4K
	MAC Address Aging (sec)	300 sec	300 sec	300 sec	300 sec
Quality of Service	Number of Priority Queues				
	Traffic Prioritization	802.1p based QoS/CoS	802.1p based QoS/CoS	802.1p based QoS/CoS	802.1p based QoS/CoS
Performance	Bandwidth	10 Gbps	16 Gbps	16 Gbps	16 Gbps
	Buffer Memory	128 KB	192 KB	192 KB	192 KB
	Jumbo Frames	9,216 bytes	9,720 bytes	9,216 bytes	9,216 bytes
Energy Efficiency	IEEE 802.3az	✓	✓	✓	✓
	Auto Port Power Down	✓	✓	✓	✓
	Max Power Consumption	2.7W	4.92W	3.86W (no PoE) 67.5W (with PoE max)	3.86W (no PoE) 130W (with PoE max)
Physical	Desktop/Rackmount/Click	Desktop/Wallmount	Desktop/Wallmount	Desktop/Wallmount/Rackmount	Desktop/Wallmount/Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal
	MTBF @ 25°C	3,197,945 hrs (365 yrs)	9,727,733 hrs (1110 yrs)	2,752,476 hrs (314 yrs)	2,752,476 hrs (314 yrs)
	Fan(s)	None	None	None	None
	Width x Depth x Height	94 x 100 x 27 mm (3.7 x 3.9 x 1.1 in)	158 x 102 x 27 mm (6.2 x 4.0 x 1.1 in)	236 x 102 x 27 mm (9.3 x 4.0 x 1.1 in)	236 x 102 x 27 mm (9.3 x 4.0 x 1.1 in)
	Weight	0.26 kg (0.57 lb)	0.47 kg (1.04 lb)	0.60 kg (1.32 lb)	0.60 kg (1.32 lb)
Electromagnetic Compliance	Class (A or B)	B	B	A	A
Warranty Hardware*		Lifetime* Limited	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited
Warranty Power Supply		2 years	2 years	2 years	2 years
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0S11 PMB0S31 PMB0S51	PMB0S11 PMB0S31 PMB0S51	PMB0S12 PMB0S32 PMB0S52	PMB0S12 PMB0S32 PMB0S52

Unmanaged Switches

Unmanaged, L2, Gigabit

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

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

WHY SMART SMBs CHOOSE SMART MANAGED PLUS SWITCHES

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

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

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

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

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

Smart Managed Plus Switches

Smart Managed Plus, L2, Gigabit

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

Smart Managed Plus Switches

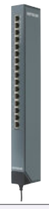
Smart Managed Plus, L2, Gigabit

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

Smart Managed Plus Switches

		Smart Managed Plus, L2, Gigabit with 10G/ Multi-Gig Uplinks	Smart Managed Plus, L2, 10G/Multigig		Smart Managed Plus, L2, 10G Ethernet	
MODEL		GS110EMX	XS512EM	XS724EM	XS708EV2	XS716E
Port Configuration	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	8				
	1G/10GBASE-T RJ45 Copper Ports (Auto Uplink)				8	16
	100M/1G/2.5G/5G/10G RJ45 Copper Ports (Auto Uplink)		12	24		
	10G SFP+ Fiber Ports		2 Combo SFP+ (10G)	2 Combo SFP+ (10G)	1 Combo SFP+ (10G)	1 Combo SFP+ (10G)
Scalability	# MAC Addresses	16K	32K	32K	16K	16K
	Dynamic MAC	✓	✓	✓	✓	✓
System Management	Single IP Management	✓	✓	✓	✓	✓
	Web Managed/GUI	✓	✓	✓	✓	✓
	DHCP (Client/Server)	DHCP Client	DHCP Client	DHCP Client	DHCP Client	DHCP Client
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One
Quality of Service	Number of Priority Queues	8	8	8	4	4
	Traffic Prioritization	802.1p, Port-based (CoS)	802.1p, Port-based (CoS)	802.1p, Port-based (CoS)	802.1p, Port-based (CoS)	802.1p, Port-based (CoS)
Multicast Filtering	IGMP Snooping Version	v1, v2 and v3	v1, v2 and v3	v1, v2 and v3	v1, v2	v1, v2
Performance	Bandwidth	56 Gbps	240 Gbps	480 Gbps	160 Gbps	160 Gbps
	Buffer Memory	2 MB	3 MB	3 MB	16 MB	16 MB
	Jumbo Frames	10,240 bytes	9,216 bytes	9,216 bytes	9,216 bytes	9,216 bytes
Traffic Management	Number of 802.1q VLAN/ Number of VLAN Group	64	64	64	64	64
	Port Trunking/Link Aggregation (Manual Static LAGs)	Static, LACP	Static, LACP	Static, LACP	Static	Static
	Rate Limiting	✓	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓	✓
Energy Efficiency	IEEE 802.3az	✓	✓	✓	✓	✓
	Auto Port Power Down	✓			✓	✓
	Dynamic Power Consumption	✓				
	Max Power Consumption	15.6W	75.6W	150.5W	44W	62W
Physical	Desktop/Rackmount/Click	Desktop, Rackmount	Desktop, Rackmount	Desktop, Rackmount	Desktop, Rackmount	Desktop, Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal	Metal
	MTBF @ 25°C	1,572,337 hrs (180 yrs)	1,113,477 hrs (127 yrs)	830,493 hrs (95 yrs)	397,731 hrs (45 yrs)	348,257 hrs (40 yrs)
	Fan(s)	None	2	3	2	2
	Acoustic Noise at 25°C	0dB	Idle : 29.13dB@25dC/ Full load: 40.85dB@55dC	Idle: 35.91dB@25dC Full load: 56.87dB@55dC	36.7dB	33.9dB
	Width x Depth x Height	236 x 102 x 27 mm (9.3 x 4.0 x 1.1 in)	328 x 204 x 43 mm (12.9 x 8.0 x 1.7 in)	440 x 204 x 43 mm (17.3 x 8.0 x 1.7 in)	330 x 207 x 43 mm (13 x 8.2 x 1.7 in)	330 x 207 x 43 mm (13 x 8.2 x 1.7 in)
	Weight	0.75 kg (1.65 lb)	2.51 kg (5.54 lb)	3.72 kg (8.20 lb)	2.80 kg (6.17 lb)	3.20 kg (7.05 lb)
Electromagnetic Compliance	Class (A or B)	B	A	A	A	A
Warranty Hardware*		Lifetime* Limited	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited
Warranty Power Supply		2 years	Internal (same as switch)	Internal (same as switch)	Internal (same as switch)	Internal (same as switch)
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0S12 PMB0S32 PMB0S52	PMB0S12 PMB0S32 PMB0S52	PMB0312 PMB0332 PMB0352	PMB0311 PMB0331 PMB0351	PMB0312 PMB0332 PMB0352

Smart Managed Plus Switches

		Smart Managed Plus, L2, Click Switch and Easy-Mount			
					
MODEL		GSS108E	GSS108EPP	GSS116E	GS408EPP
Port Configuration	10M/100M/1G RJ45 Copper Ports (Auto Uplink)	8	8	16	8
PoE	PoE (15.4W) 802.3af Ports		4		8
	Total PoE/PoE+ Budget		47W		124W
Scalability	# MAC Addresses	8K	4K	8K	4K
	Web Managed/GUI	✓	✓	✓	✓
System Management	Single IP Management	✓	✓	✓	✓
	Web Managed/GUI	✓	✓	✓	✓
	DHCP (Client/Server)	DHCP Client	DHCP Client	DHCP Client	DHCP Client
	Port Mirroring	One-to-One	One-to-One	Many-to-one	One-to-One
Quality of Service	Number of Priority Queues	4	4	4	4
	Traffic Prioritization	802.1p, Port-based and DSCP	802.1p, Port-based and DSCP	802.1p, Port-based and DSCP	802.1p, Port-based and DSCP
	Auto Voice VLAN				
Multicast Filtering	IGMP Snooping Version	v1, v2 and v3	v1, v2 and v3	v1, v2 and v3	v1, v2 and v3
Performance	Bandwidth	16 Gbps	16 Gbps	32 Gbps	16 Gbps
	Buffer Memory	128 KB	192 KB	512 KB	192 KB
	Jumbo Frames	16,367 bytes	9,216 bytes	9,216 bytes	9,216 bytes
Traffic Management	Number of 802.1q VLAN/ Number of VLAN Group	64	64	128	64
	Port Trunking/Link Aggregation (Manual Static LAGs)		Static LAG	Static LAG	Static
	Rate Limiting	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓
Energy Efficiency	IEEE 802.3az	✓	✓	✓	✓
	Auto Port Power Down	✓	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓	✓
	Max Power Consumption	4.2W (No USB Charging) 20.2W (USB Charging)	5.31W (no PoE) 57.35W (with PoE max)	8.4W	5.8W (no PoE) 148W (with PoE max)
Physical	Desktop/Rackmount/Click	Anywhere (except Rackmount)	Anywhere (except Rackmount)	Anywhere (except Rackmount)	Anywhere + Rackmount
	Metal/Plastic Enclosure	Plastic	Metal	Metal	Metal
	MTBF @ 25°C	1,031,177 hrs (118 yrs)	1,494,913 hrs (171 yrs)	721,479 hrs	2,715,369 hrs (311 yrs)
	Fan(s)	None	None	None	1
	Acoustic Noise at 25°C	0dB	0dB	0dB	26.9dB
	Width x Depth x Height	305 x 65 x 35 mm (12.0 x 2.6 x 1.4 in)	305 x 65 x 35 mm (12.0 x 2.6 x 1.4 in)	407 x 70 x 36 mm (16.0 x 2.8 x 1.4 in)	380 x 100 x 43 mm (15.0 x 3.9 x 1.7 in)
	Weight	0.44 kg (0.97 lb)	0.93 kg (2.05 lb)	1.30 kg (2.87 lb)	1.6 kg (3.53 lb)
Electromagnetic Compliance	Class (A or B)	B	B	B	A
Warranty Hardware*		Lifetime* Limited	Lifetime* Limited	Lifetime* Limited	Lifetime* Limited
Warranty Power Supply		Internal (same as switch)	Internal (same as switch)	Internal (same as switch)	Internal (same as switch)
ProSUPPORT Maintenance Contracts***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0S11 PMB0S31 PMB0S51	PMB0S12 PMB0S32 PMB0S52	PMB0S12 PMB0S32 PMB0S52	PMB0S12 PMB0S32 PMB0S52

WHY SMART BUSINESSES CHOOSE SMART MANAGED PRO SWITCHES

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

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

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

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

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

Smart Managed Pro Switches

Smart Managed Pro, L2, 10/100 Fast Ethernet

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

Smart Managed Pro Switches

Smart Managed Pro, L2, Gigabit - 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	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
	DHCP (Client/Server)	Client	Client	Client	Client	Client
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One
	IPv6 full set	✓	✓			
Quality of Service	Number of Priority Queues	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
	Auto Voice VLAN	✓	✓	✓	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓	✓	✓	✓
Performance	Bandwidth	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	512 KB Per Unit
	Jumbo Frames	Yes	Yes	Yes	Yes	Yes
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/ Number of VLAN Group	64	64	64	64	64
	Link Agregation 802.3ad/LACP	✓	✓	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓	✓	✓
	Rate Limiting	✓	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓	✓
L3 Routing	IPv4 Static Routing					
Security	IEEE 802.1x (RADIUS)	✓	✓	✓	✓	✓
	ACL - Access Control Lists	MAC, IP	MAC, IP	MAC, IP	MAC, IP	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)	1.62 kg (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	B
Warranty Hardware*		5 year	5 year	5 year	5 year	5 year
Warranty Power Supply		2 year	2 year	2 year	2 year	2 year
Modules			AGM731F/AGM732F/ AGM734/AXM765 (1G mode only)	AGM731F AGM732F AGM734	AGM731F AGM732F AGM734	AGM731F AGM732F AGM734
ProSUPPORT Maintenance PKGS***	OnCall 24x7 3-year	PMB0S31	PMB0S32	PMB0S32	PMB0331	PMB0331

Smart Managed Pro Switches

Smart Managed Pro, L2, Gigabit

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

Smart Managed Pro Switches

Smart Managed Pro, L2+ with static routing, Gigabit

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

Smart Managed Pro Switches

Smart Managed Pro, L2+ with static routing, Gigabit

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

Smart Managed Pro Switches

Smart Managed Pro, L2+ with static routing, Gigabit

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

Smart Managed Pro Switches

Smart Managed Pro, L2+ with static routing, Gigabit

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

Smart Managed Pro Switches

Smart Managed Pro, L2+ with static routing, Gigabit

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

Smart Managed Pro Switches

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

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

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

Smart Managed Pro Switches

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

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

WHY SMART BUSINESSES CHOOSE SMART CLOUD SWITCHES

NETGEAR is revolutionizing the switching business with its new Insight Managed Smart Cloud network devices with full remote management and monitoring capabilities. Networking and IT made easy is now reality!

With NETGEAR Insight app and Insight Cloud Portal, you can now quickly discover, setup, monitor and manage your Insight Managed Switches, Insight Instant VPN Routers, and Wireless Access Points as well as your Business-class ReadyNAS storage devices, from anywhere! Whether at home, out of the office or on a business trip, you can still manage your network as if you were right there, all from any device and from anywhere in the world. You are in control of your network and can enjoy the peace of mind you never experienced before when dealing with IT.

Your Network. Anytime. Anywhere.

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

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

Smart Cloud Switches

Insight Managed Smart Cloud, L2+/ L3 Lite

MODEL		GC110	GC110P
Unified Network Management	Discovery, setup, monitoring and management	NETGEAR Insight mobile app on phone or tablet, or Insight Cloud Portal from PC, Mac, or tablet web browser	
(Discovery, Setup, Monitoring & Management)	Remote/Cloud management	Anywhere, anytime, from the palm of your hand using Insight mobile app or from any PC, Mac, or tablet web browser using the Insight Cloud Portal	
	Centralized network configuration (policies)	Centralized network configuration (policies) across Insight Managed Switches, Wireless Access Points, and Business-class ReadyNAS Storage for VLANs, ACLs, QoS, and LAGs	
	Device auto-join and configure (zero-touch provisioning)	Additional Insight Managed devices added to the network automatically inherit the network configuration	
	Multi-site, multi-network single pane-of-glass view	Manage multiple sites, locations, and networks in a single view using the Insight app or Cloud Portal	
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	8	8
	1G SFP Fiber Ports	2 dedicated	2 dedicated
PoE (Power over Ethernet)	Power Over Ethernet 802.3af Ports		8
	PoE+ (30W) 802.3at Ports		
	Total PoE Budget		62W
	Advanced per-port PoE controls (enable/disable/power limit)		Yes
	Advanced per-port PoE scheduling		Yes
LEDs	Front (per device) - Desktop models	Cloud/Internet Connection, Power	Cloud/Internet Connection, Power
	Rear (port side) (per device) - Desktop models Front (port side) (per device) - Rackmount models	Cloud/Internet Connection, Power	Cloud/Internet Connection, Power, PoE Max
	Rear (port side) (per port) - Desktop models Front (port side) (per port) - Rackmount models	Speed/Link/Activity	Speed/Link/Activity (left), PoE Power (right)
Scalability	# MAC Addresses	16,000	16,000
	ARP Table / NDP Table – Size of	384 ARP / 128 NDP	384 ARP / 128 NDP
	# Routing Entries	32 IPv4 / 31 IPv6	32 IPv4 / 31 IPv6
	# ACL Rules (Shared for MAC, IP and IPv6 ACLs)	100	100
System Management	Cloud/Remote Management	Yes	Yes
	Mobile app and Cloud Portal management	Yes	Yes
	uPnP Discovery & Bonjour Discovery	Yes	Yes
	Centralized network configuration (policies)	Yes	Yes
	Device auto-join and configure (zero-touch provisioning)	Yes	Yes
	Multi-site, multi-network single pane-of-glass view	Yes	Yes
	Multi-switch, multi-port concurrent configuration	Yes	Yes
	Network/global password (for all Insight Managed devices on a network)	Yes	Yes
	Local-only Web Browser-Based Managed/GUI	Yes	Yes
	DHCP (Client/Server/Relay)	Client	Client
	Port Mirroring	Many-to-One	Many-to-One
	IPv6 Management	Yes	Yes
	Firmware upgrade direct from Cloud (via mobile device)	Yes	Yes
Quality of Service	Number of Priority Queues	8	8
	Traffic Prioritization	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv
	Auto Voice VLAN	Yes	Yes
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	Yes	Yes
Performance	Bandwidth	20 Gbps	20 Gbps
	Buffer Memory	1.5 MB Per System	1.5 MB Per System
	Jumbo Frames	Yes	Yes
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256	256
	Link Agregation 802.3ad/LACP	Yes	Yes
	Discovery Protocol LLDP 802.1ab	Yes	Yes
	Rate Limiting	Yes	Yes
	Broadcast Storm Control	Yes	Yes
L3 Routing	IPv4/IPv6 Static Routing	Yes	Yes
Security	IEEE 802.1x (RADIUS)	Yes	Yes
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/HTTPS	SSL/HTTPS
	Guest VLAN	Yes	Yes
	DHCP Snooping/IP Source Guard	Yes	Yes
	TACACS+	Yes	Yes
Energy Efficiency	IEEE 802.3az	Yes	Yes
	Auto Port Power Down	Yes	Yes
	Dynamic Power Consumption	Yes	Yes
	Max Power Consumption	10.1W	74.4W (full PoE)
Physical	Desktop/Wallmount (VESA)/Rackmount	Desktop/Wallmount	Desktop/Wallmount
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	4,013,311 hrs (458 yrs)	2,976,994 hrs (340 yrs)
	Acoustic Noise @ 25°C	0dBA	0dBA
	Fan(s)		
	Width x Depth x Height	245 x 123 x 33 mm (9.6 x 4.8 x 1.3 in)	245 x 123 x 33 mm (9.6 x 4.8 x 1.3 in)
	Weight	0.73 kg (1.61 lb)	0.77 kg (1.70 lb)
Electromagnetic Compliance	Class (A or B)	A	A
Warranty Switch*		5 years	5 years
Warranty External Power Adapter		2 years	2 years
Modules		AGM731F, AGM732F, AGM734	AGM731F, AGM732F, AGM734
ProSUPPORT Maintenance Pkgs***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0S12 PMB0S32 PMB0S52	PMB0S12 PMB0S32 PMB0S52

Smart Cloud Switches

Insight Managed Smart Cloud, L2+/L3 Lite

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	8
	1G SFP Fiber Ports	2 dedicated	2 dedicated
PoE (Power over Ethernet)	Power Over Ethernet 802.3af Ports		
	PoE+ (30W) 802.3at Ports	8	8
	Total PoE Budget	134W	195W
	Advanced per-port PoE controls (enable/disable/power limit)	Yes	Yes
	Advanced per-port PoE scheduling	Yes	Yes
LEDs	Front (per device) - Desktop models	Cloud/Internet Connection, Power	Cloud/Internet Connection, Power
	Rear (port side) (per device) - Desktop models Front (port side) (per device) - Rackmount models	Cloud/Internet Connection, Power, PoE Max	Cloud/Internet Connection, Power, PoE Max, Fan Status
	Rear (port side) (per port) - Desktop models Front (port side) (per port) - Rackmount models	Speed/Link/Activity (left), PoE Power (right)	Speed/Link/Activity (left), PoE Power (right)
Scalability	# MAC Addresses	16000	16000
	ARP Table / NDP Table – Size of	384 ARP / 128 NDP	384 ARP / 128 NDP
	# Routing Entries	32 IPv4 / 31 IPv6	32 IPv4 / 31 IPv6
	# ACL Rules (Shared for MAC, IP and IPv6 ACLs)	100	100
System Management	Cloud/Remote Management	Yes	Yes
	Mobile app and Cloud Portal management	Yes	Yes
	uPnP Discovery & Bonjour Discovery	Yes	Yes
	Centralized network configuration (policies)	Yes	Yes
	Device auto-join and configure (zero-touch provisioning)	Yes	Yes
	Multi-site, multi-network single pane-of-glass view	Yes	Yes
	Multi-switch, multi-port concurrent configuration	Yes	Yes
	Network/global password (for all Insight Managed devices on a network)	Yes	Yes
	Local-only Web Browser-Based Managed/GUI	Yes	Yes
	SNMP Version		
	RMON Group		
	DHCP (Client/Server/Relay)	Client	Client
	Port Mirroring	Many-to-One	Many-to-One
	IPv6 Management	Yes	Yes
	Firmware upgrade direct from Cloud (via mobile device)	Yes	Yes
Quality of Service	Number of Priority Queues	8	8
	Traffic Prioritization	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv
	Auto Voice VLAN	Yes	Yes
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	Yes	Yes
Performance	Bandwidth	20 Gbps	20 Gbps
	Buffer Memory	1.5 MB Per System	1.5 MB Per System
	Jumbo Frames	Yes	Yes
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256	256
	Link Agregation 802.3ad/LACP	Yes	Yes
	Discovery Protocol LLDP 802.1ab	Yes	Yes
	Rate Limiting	Yes	Yes
	Broadcast Storm Control	Yes	Yes
L3 Routing	IPv4/IPv6 Static Routing	Yes	Yes
Security	IEEE 802.1x (RADIUS)	Yes	Yes
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/HTTPS	SSL/HTTPS
	Guest VLAN	Yes	Yes
	DHCP Snooping/IP Source Guard	Yes	Yes
	TACACS+	Yes	Yes
Energy Efficiency	IEEE 802.3az	Yes	Yes
	Auto Port Power Down	Yes	Yes
	Dynamic Power Consumption	Yes	Yes
	Max Power Consumption	146.9W (full PoE)	200.0W (full PoE)
Physical	Desktop/Wallmount (VESA)/Rackmount	Desktop/Wallmount /Rackmount	Desktop/Wallmount /Rackmount
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	692,457 hrs (79 yrs)	381,503 hrs (44 yrs)
	Acoustic Noise @ 25°C	0dBA	28dBA
	Fan(s)		1 (whisper-quiet)
	Width x Depth x Height	314 x 188 x 44 mm (12.4 x 7.4 x 1.7 in)	314 x 188 x 44 mm (12.4 x 7.4 x 1.7 in)
	Weight	2.01 kg (4.43 lb)	2.23 kg (4.92 lb)
Electromagnetic Compliance	Class (A or B)	A	A
Warranty Switch*		5 years	5 years
Modules		AGM731F, AGM732F, AGM734	AGM731F, AGM732F, AGM734
ProSUPPORT Maintenance Pkgs***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0S12 PMB0S32 PMB0S52	PMB0S12 PMB0S32 PMB0S52

Smart Cloud Switches

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

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	24
	1G SFP Fiber Ports	2 dedicated	2 dedicated
	10G SFP+ Fiber Ports	2 dedicated	2 dedicated
PoE (Power over Ethernet)	Power Over Ethernet 802.3af Ports		
	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) - Desktop models		
	Rear (port side) (per device) - Desktop models Front (port side) (per device) - Rackmount models	Cloud/Internet Connection, Power, PoE Max, Fan Status	Cloud/Internet Connection, Power, PoE Max, Fan Status
	Rear (port side) (per port) - Desktop models Front (port side) (per port) - Rackmount models	Speed/Link/Activity	Speed/Link/Activity (left), PoE Power (right)
Scalability	# MAC Addresses	16000	16000
	ARP Table / NDP Table – Size of	384 ARP / 128 NDP	384 ARP / 128 NDP
	# Routing Entries	32 IPv4 / 31 IPv6	32 IPv4 / 31 IPv6
	# ACL Rules (Shared for MAC, IP and IPv6 ACLs)	100	100
System Management	Cloud/Remote Management	Yes	Yes
	Mobile app and Cloud Portal management	Yes	Yes
	uPnP Discovery & Bonjour Discovery	Yes	Yes
	Centralized network configuration (policies)	Yes	Yes
	Device auto-join and configure (zero-touch provisioning)	Yes	Yes
	Multi-site, multi-network single pane-of-glass view	Yes	Yes
	Multi-switch, multi-port concurrent configuration	Yes	Yes
	Network/global password (for all Insight Managed devices on a network)	Yes	Yes
	Local-only Web Browser-Based Managed/GUI	Yes	Yes
	SNMP Version	v1, v2c, v3	v1, v2c, v3
	RMON Group	1,2,3,9	1,2,3,9
	DHCP (Client/Server/Relay)	Client	Client
	Port Mirroring	Many-to-One	Many-to-One
	IPv6 Management	Yes	Yes
	Firmware upgrade direct from Cloud (via mobile device)	Yes	Yes
Quality of Service	Number of Priority Queues	8	8
	Traffic Prioritization	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv
	Auto Voice VLAN	Yes	Yes
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	Yes	Yes
Performance	Bandwidth	92 Gbps	92 Gbps
	Buffer Memory	1.5 MB Per System	1.5 MB Per System
	Jumbo Frames	Yes	Yes
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256	256
	Link Agregation 802.3ad/LACP	Yes	Yes
	Discovery Protocol LLDP 802.1ab	Yes	Yes
	Rate Limiting	Yes	Yes
	Broadcast Storm Control	Yes	Yes
L3 Routing	IPv4/IPv6 Static Routing	Yes	Yes
Security	IEEE 802.1x (RADIUS)	Yes	Yes
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/HTTPS	SSL/HTTPS
	Guest VLAN	Yes	Yes
	DHCP Snooping/IP Source Guard	Yes	Yes
	TACACS+	Yes	Yes
Energy Efficiency	IEEE 802.3az	Yes	Yes
	Auto Port Power Down	Yes	Yes
	Dynamic Power Consumption	Yes	Yes
	Max Power Consumption	18.5W	437.1W (full PoE)
Physical	Desktop/Wallmount (VESA)/Rackmount	Desktop/Rackmount	Desktop/Rackmount
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	1,874,356 hrs (214 yrs)	629,962 hrs (72 yrs)
	Fan(s)	1 (whisper-quiet)	2 (dynamic)
	Acoustic Noise @ 25°C	28dBA	39dBA
	Width x Depth x Height	440 x 224 x 44 mm (17.3 x 8.8 x 1.7 in)	440 x 224 x 44 mm (17.3 x 8.8 x 1.7 in)
	Weight	2.81 kg (6.19 lb)	3.79 kg (8.36 lb)
Electromagnetic Compliance	Class (A or B)	A	A
Warranty Switch*		5 years	5 years
Modules		AGM731F, AGM732F, AGM734, AXM761, AXM762, AXM763, AXM764, AXM765, AXC761, AXC763	AGM731F, AGM732F, AGM734, AXM761, AXM762, AXM763, AXM764, AXM765, AXC761, AXC763
ProSUPPORT Maintenance Pkgs***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0311 PMB0331 PMB0351	PMB0311 PMB0331 PMB0351

Smart Cloud Switches

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

MODEL		GC752X	GC752XP
Unified Network Management	Discovery, setup, monitoring 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)	48	48
	1G SFP Fiber Ports	2 dedicated	2 dedicated
	10G SFP+ Fiber Ports	2 dedicated	2 dedicated
PoE (Power over Ethernet)	Power Over Ethernet 802.3af Ports		
	PoE Plus (30W) 802.3at Ports		48
	Total PoE Budget		505W
	Advanced per-port PoE controls (enable/disable/power limit)		Yes
	Advanced per-port PoE scheduling		Yes
LEDs	Front (per device) - Desktop models		
	Rear (port side) (per device) - Desktop models Front (port side) (per device) - Rackmount models	Cloud/Internet Connection, Power, PoE Max, Fan Status	Cloud/Internet Connection, Power, PoE Max, Fan Status
	Rear (port side) (per port) - Desktop models Front (port side) (per port) - Rackmount models	Speed/Link/Activity	Speed/Link/Activity (left), PoE Power (right)
Scalability	# MAC Addresses	16000	16000
	ARP Table / NDP Table – Size of	384 ARP / 128 NDP	384 ARP / 128 NDP
	# Routing Entries	32 IPv4 / 31 IPv6	32 IPv4 / 31 IPv6
	# ACL Rules (Shared for MAC, IP and IPv6 ACLs)	100	100
System Management	Cloud/Remote Management	Yes	Yes
	Mobile app and Cloud Portal management	Yes	Yes
	uPnP Discovery & Bonjour Discovery	Yes	Yes
	Centralized network configuration (policies)	Yes	Yes
	Device auto-join and configure (zero-touch provisioning)	Yes	Yes
	Multi-site, multi-network single pane-of-glass view	Yes	Yes
	Multi-switch, multi-port concurrent configuration	Yes	Yes
	Network/global password (for all Insight Managed devices on a network)	Yes	Yes
	Local-only Web Browser-Based Managed/GUI	Yes	Yes
	SNMP Version	v1, v2c, v3	v1, v2c, v3
	RMON Group	1,2,3,9	1,2,3,9
	DHCP (Client/Server/Relay)	Client	Client
	Port Mirroring	Many-to-One	Many-to-One
	IPv6 Management	Yes	Yes
	Firmware upgrade direct from Cloud (via mobile device)	Yes	Yes
Quality of Service	Number of Priority Queues	8	8
	Traffic Prioritization	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv
	Auto Voice VLAN	Yes	Yes
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	Yes	Yes
Performance	Bandwidth	140 Gbps	140 Gbps
	Buffer Memory	1.5 MB Per System	1.5 MB Per System
	Jumbo Frames	Yes	Yes
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	256	256
	Link Agregation 802.3ad/LACP	Yes	Yes
	Discovery Protocol LLDP 802.1ab	Yes	Yes
	Rate Limiting	Yes	Yes
	Broadcast Storm Control	Yes	Yes
L3 Routing	IPv4/IPv6 Static Routing	Yes	Yes
Security	IEEE 802.1x (RADIUS)	Yes	Yes
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/HTTPS	SSL/HTTPS
	Guest VLAN	Yes	Yes
	DHCP Snooping/IP Source Guard	Yes	Yes
	TACACS+	Yes	Yes
Energy Efficiency	IEEE 802.3az	Yes	Yes
	Auto Port Power Down	Yes	Yes
	Dynamic Power Consumption	Yes	Yes
	Max Power Consumption	43.9W	623.6W (full PoE)
Physical	Desktop/Wallmount (VESA)/Rackmount	Desktop/Rackmount	Desktop/Rackmount
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	1,360,115 hrs (155 yrs)	455,682 hrs (50 yrs)
	Fan(s)	1 (whisper-quiet)	3 (dynamic)
	Acoustic Noise @ 25°C	29dBA	33dBA
	Width x Depth x Height	440 x 224 x 44 mm (17.3 x 8.8 x 1.7 in)	440 x 320 x 44 mm (17.3 x 12.6 x 1.7 in)
	Weight	3.16 kg (6.97 lb)	4.79 kg (10.56 lb)
Electromagnetic Compliance	Class (A or B)	A	A
Warranty Switch*		5 years	5 years
Modules		AGM731F, AGM732F, AGM734, AXM761, AXM762, AXM763, AXM764, AXM765, AXC761, AXC763	AGM731F, AGM732F, AGM734, AXM761, AXM762, AXM763, AXM764, AXM765, AXC761, AXC763
ProSUPPORT Maintenance Pkgs***	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0312 PMB0332 PMB0352	PMB0312 PMB0332 PMB0352

Fully Managed Switches

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

MODEL		M4100-D12G (GSM5212)	M4100-12GF (GSM7212F)
Port Configuration	10/100 RJ45 Ports (Auto Uplink)		
	10/100/1000 RJ45 Ports (Auto Uplink)	10	12
	Fiber Ports	4 SFP	12 SFP
PoE	Power Over Ethernet 802.3af Ports		4
	PoE+ (30W) 802.3at Ports	1 (PD: powered by PoE+)	4
	Total PoE Budget		150W standard
Scalability	# MAC Addresses	16,000	16,000
	ARP Table - Size of	512	512
	# Routing Entries	64	64
	# ACL Rules	512	512
System Management	Single IP Management		
	Web Managed/GUI	✓	✓
	Command Line Interface/RS232 Console/Telnet	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3
	RMON Group	1, 2, 3, 9	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay	Client/Server/L3 Relay
	Port Mirroring	Many-to-One	Many-to-One
	IPv6 full set	✓	✓
Quality of Service	Number of Priority Queues	8	8
	Traffic Prioritization	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP
	Auto Voice VLAN	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓
Performance	Bandwidth	24 Gbps	24 Gbps
	Buffer Memory	12 MB	12 MB
	Jumbo Frames	9K	9K
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
	RPS Redundant Power Supply	When powered by PoE+	RPS
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	1,024 / 1,024	1,024/1,024
	Link Agregation 802.3ad/LACP	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓
	Rate Limiting	✓	✓
	Broadcast Storm Control	✓	✓
L3 Routing	IPv4 Static Routing	✓	✓
Security	IEEE 802.1x (RADIUS)	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	✓	✓
	DHCP Snooping	✓	✓
	TACACS+	✓	✓
	Auto Port Power Down	✓	✓
	Dynamic Power Consumption	✓	✓
	Max Power Consumption	18.80W	160.6W
Physical	Desktop/Rackmount/Click	Desktop	Rackmount
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	214,142 hrs (24 yrs)	670,956 hrs (77 yrs)
	Fan(s)		✓
	Acoustic Noise @ 25°C	0dbA	30dBA
	Width x Depth x Height	328 x 169 x 43 mm (12.9 x 6.7 x 1.7 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)
	Weight	1.33 kg (2.9 lb)	3.67 kg (8.08 lb)
Electromagnetic Compliance	Class (A or B)	A	A
Warranty Hardware		Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime
Modules		AFM735/ AGM731F/AGM732F	AFM735/ AGM731F/AGM732F, RPS4000 (RPS x4 switches)
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0312 PMB0332 PMB0352	PMB0312 PMB0332 PMB0352

Fully Managed Switches

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

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

Fully Managed Switches

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

WHAT SETS NETGEAR M4300 APART?

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

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

Discover the 10 reasons why our customers love M4300

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

Fully Managed Switches

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

MODEL		M4300-28G (GSM4328S)	M4300-52G (GSM4352S)
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	24 / 2 10GBase-T	48 / 2 10GBase-T
	Fiber Ports	2 SFP+ (10G)	2 SFP+ (10G)
	10Gig Module Bays		
PoE	Power Over Ethernert 802.3af Ports		
	PoE Plus (30W) 802.3at Ports		
	Total PoE Budget		
Stacking	Number of Dedicated Stacking Ports	Up to 4 10G ports	Up to 4 10G ports
	Stacking Bandwidth	80 Gbps	80 Gbps
	Stacking (maximum capacity)	8 switches	8 switches
	Stacking Compatibility	M4300 series	M4300 series
Scalability	# MAC Addresses	16,000	16,000
	ARP Table – Size of	888	888
	# Routing Entries	12,000	12,000
	# ACL Rules	16,384 (ingress, egress)	16,384 (ingress, egress)
System Management	Single IP Management	✓	✓
	Web Managed/GUI	✓	✓
	Command Line Interface/RS232 Console/Telnet	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3
	RMON Group	1, 2, 3, 9	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay	Client/Server/L3 Relay
	Port Mirroring	Many-to-One; RSPAN	Many-to-One; RSPAN
	IPv6 full set	✓	✓
Quality of Service	Number of Priority Queues	8	8
	Traffic Prioritization	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP
	Auto Voice VLAN	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓
Performance	Bandwidth	128 Gbps	176 Gbps
	Buffer Memory	16 MB	16 MB
	Jumbo Frames	9K	9K
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s; PV(R)STP	802.1d, .1w, .1s; PV(R)STP
	RPS Redundant Power Supply	Second optional APS150W	Second optional APS150W
	Modular Power Supply	APS150W	APS150W
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	4,093/4,093	4,093/4,093
	Link Agregation 802.3ad/LACP	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓
	Rate Limiting	✓	✓
	Broadcast Storm Control	✓	✓
L3 Routing	IPv4 Static Routing	✓	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	✓	✓
	IPv6 Static Routing, IPv6 OSPFv3	✓	✓
	IPv4 / IPv6 Multicast Routing PIM-SM/DM	✓	✓
Security	IEEE 802.1x (RADIUS)	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓
	TACACS+	✓	✓
Energy Efficiency	IEEE 802.3az	✓	✓
	Auto Port Power Down	✓	✓
	Dynamic Power Consumption	✓	✓
	Power Consumption	34.5W	47.4W
Physical	Desktop/Rackmount/Click	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal
	MTBF @ 25°C	1,328,968 hrs	578,472 hrs
	Fan(s)	Front to back	Front to back
	Acoustic Noise @ 25°C	30.3dBA	31.5dBA
	Width x Depth x Height	440 x 310 x 44 mm (17.32 x 12.2 x 1.73 in)	440 x 310 x 44 mm (17.32 x 12.2 x 1.73 in)
	Weight	4.51 kg (9.94 lb)	4.91 kg (10.81 lb)
Electromagnetic Compliance	Class (A or B)	A	A
Warranty Hardware		Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime
Modules		AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/AXM764/AXM765	AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/AXM764/AXM765
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0313 PMB0333 PMB0353	PMB0313 PMB0333 PMB0353

Fully Managed Switches

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

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

Fully Managed Switches

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

MODEL		M4300-8X8F (XSM4316S)	M4300-12X12F (XSM4324S)	M4300-24X (XSM4324CS)	M4300-24X24F (XSM4348S)
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	8 10GBase-T	12 10GBase-T	24 10GBase-T	24 10GBase-T
	Fiber Ports	8 SFP+ (10G)	12 SFP+ (10G)	4 combo SFP+ (10G)	24 SFP+ (10G)
	10Gig Module Bays				
PoE	Power Over Ethernert 802.3af Ports				
	PoE Plus (30W) 802.3at Ports				
	Total PoE Budget				
Stacking	Number of Dedicated Stacking Ports	Up to 16 10G ports	Up to 16 10G ports	Up to 16 10G ports	Up to 16 10G ports
	Stacking Bandwidth	320 Gbps	320 Gbps	320 Gbps	320 Gbps
	Stacking (maximum capacity)	8 switches	8 switches	8 switches	8 switches
	Stacking Compatibility	M4300 series	M4300 series	M4300 series	M4300 series
Scalability	# MAC Addresses	16,000	16,000	16,000	128,000
	ARP Table – Size of	888	888	888	8,192
	# Routing Entries	12,000	12,000	12,000	12,000
	# ACL Rules	16,384 (ingress, egress)	16,384 (ingress, egress)	16,384 (ingress, egress)	16,384 (ingress, egress)
System Management	Single IP Management	✓	✓	✓	✓
	Web Managed/GUI	✓	✓	✓	✓
	Command Line Interface/RS232 Console/Telnet	✓	✓	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
	RMON Group	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay	Client/Server/L3 Relay	Client/Server/L3 Relay	Client/Server/L3 Relay
	Port Mirroring	Many-to-One; RSPAN	Many-to-One; RSPAN	Many-to-One; RSPAN	Many-to-One; RSPAN
	IPv6 full set	✓	✓	✓	✓
Quality of Service	Number of Priority Queues	8	8	8	8
	Traffic Prioritization	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP
	Auto Voice VLAN	✓	✓	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓	✓	✓
Performance	Bandwidth	320 Gbps	480 Gbps	480 Gbps	960 Gbps
	Buffer Memory	16 MB	32 MB	32 MB	56 MB
	Jumbo Frames	9K	9K	9K	9K
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s; PV(R)STP	802.1d, .1w, .1s; PV(R)STP	802.1d, .1w, .1s; PV(R)STP	802.1d, .1w, .1s; PV(R)STP
	RPS Redundant Power Supply				Second optional APS250W
	Modular Power Supply	APS250W	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	4,093 / 4,093
	Link Agregation 802.3ad/LACP	✓	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓	✓
	Rate Limiting	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓
L3 Routing	IPv4 Static Routing	✓	✓	✓	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	✓	✓	✓	✓
	IPv6 Static Routing, IPv6 OSPFv3	✓	✓	✓	✓
	IPv4 / IPv6 Multicast Routing PIM-SM/DM	✓	✓	✓	✓
Security	IEEE 802.1x (RADIUS)	✓	✓	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	✓	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓	✓	✓
	TACACS+	✓	✓	✓	✓
Energy Efficiency	IEEE 802.3az	✓	✓	✓	✓
	Auto Port Power Down	✓	✓	✓	✓
	Dynamic Power Consumption	✓	✓	✓	✓
	Power Consumption	49W	97W	125W	161W
Physical	Desktop/Rackmount/Click	Rackmount	Rackmount	Rackmount	Rackmount
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal
	MTBF @ 25°C	196,120 hrs	192,898 hrs	247,437 hrs	133,176 hrs
	Fan(s)	Front to back	Front to back	Front to back	Front to back
	Acoustic Noise @ 25°C	36.9dBA	36.9dBA	37dBA	35.8dBA
	Width x Depth x Height	Half-Width: 212 x 345 x 44 mm (8.35 x 13.58 x 1.73 in)	Half-Width: 212 x 345 x 44 mm (8.35 x 13.58 x 1.73 in)	Half-Width: 212 x 345 x 44 mm (8.35 x 13.58 x 1.73 in)	440 x 345 x 44 mm (17.32 x 13.58 x 1.73 in)
	Weight	3.32kg (7.31 lb)	3.69 kg (8.14 lb)	4.14 kg (9.12 lb)	6.12 kg (13.48 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A	A
Warranty Hardware		Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime	Lifetime	Lifetime
Modules		AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/ AXM764/AXM765	AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/ AXM764/AXM765	AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/ AXM764/AXM765	AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/ AXM764/AXM765
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0313 PMB0333 PMB0353	PMB0314 PMB0334 PMB0354	PMB0314 PMB0334 PMB0354	PMB0314 PMB0334 PMB0354

Fully Managed Switches

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

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

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

MODEL		M4300-48X (XSM4348CS)	M4300-96X (XSM4396K0 OR K1)	M5300-28GF3 (GSM7328FS)	M6100 SERIES (XCM8900)
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	48 10GBase-T	Up to 96 10GBaseT	4 / 2 10GBase-T	Up to 144 / 72 10GBase-T
	Fiber Ports	4 combo SFP+ (10G)	Up to 96 SFP+ / 24 QSFP+	24 SFP / 2 SFP+ (10G)	Up to 120 SFP / 48 SFP+
	10Gig Module Bays			2 I/O 10G bays	
PoE	Power Over Ethernert 802.3af Ports		Up to 48		Up to 144
	PoE Plus (30W) 802.3at Ports		Up to 48		Up to 144, including UPOE 60W
	Total PoE Budget		Up to 1,440W		Up to 6,000W
Stacking	Number of Dedicated Stacking Ports		Up to 16 10G or 40G ports	2 or 4	3-slot Chassis
	Stacking Bandwidth	320 Gbps	320 Gbps	48 Gbps AX742 I/O bays	Management and Fabric Redundancy
	Stacking (maximum capacity)	8 switches	8 switches	8 switches, 384 ports	Hitless Failover
	Stacking Compatibility	M4300 series	M4300 series	M5300, GSM72xxPS, GSM73xxSv2	Distributed Fabric
Scalability	# MAC Addresses	128,000	256,000	32,000	32,000
	ARP Table – Size of	8,192	8,192	6,144	8K
	# Routing Entries	12,000	12,000	12,000	12,000
	# ACL Rules	16,384 (ingress, egress)	16,384 (ingress, egress)	16,384 (ingress, egress)	16K (ingress, egress)
System Management	Single IP Management	✓	✓	✓	✓
	Web Managed/GUI	✓	✓	✓	✓
	Command Line Interface/RS232 Console/Telnet	✓	✓	✓	✓
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
	RMON Group	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay	Client/Server/L3 Relay	Client/Server/L3 Relay	Client/Server/L3 Relay
	Port Mirroring	Many-to-One; RSPAN	Many-to-One; RSPAN	Many-to-One; RSPAN	Many-to-One; RSPAN
	IPv6 full set	✓	✓	✓	✓
Quality of Service	Number of Priority Queues	8	8	8	7
	Traffic Prioritization	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP
	Auto Voice VLAN	✓	✓	✓	✓
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	✓	✓	✓	✓
Performance	Bandwidth	960 Gbps	1.920 Tbps	144 Gbps	480 Gbps inter-module
	Buffer Memory	56 MB	96 MB	16 MB	32 MB (1G); 72 MB (10G)
	Jumbo Frames	9K	9K	12K	12K
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	802.1d, .1w, .1s; PV(R)STP
	RPS Redundant Power Supply	Second optional APS250W	Second optional APS600W or APS1200W	RPS	N+1 PSU
	Modular Power Supply	APS250W	APS600W or APS1200W	APS135W	Up to 4 or 8 APS1000W
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	4,093 / 4,093	4,093 / 4,093	4,093 / 4,093	4K / 4K
	Link Agregation 802.3ad/LACP	✓	✓	✓	✓
	Discovery Protocol LLDP 802.1ab	✓	✓	✓	✓
	Rate Limiting	✓	✓	✓	✓
	Broadcast Storm Control	✓	✓	✓	✓
L3 Routing	IPv4 Static Routing	✓	✓	✓	✓
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	✓	✓	✓	✓
	IPv6 Static Routing, IPv6 OSPFv3	✓	✓	✓	✓
	IPv4 / IPv6 Multicast Routing PIM-SM/DM	✓	✓	✓	✓
Security	IEEE 802.1x (RADIUS)	✓	✓	✓	✓
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	✓	✓	✓	✓
	DHCP Snooping/IP Source Guard/ARP Guard	✓	✓	✓	✓
	TACACS+	✓	✓	✓	✓
Energy Efficiency	IEEE 802.3az	✓	✓		✓
	Auto Port Power Down	✓	✓		✓
	Dynamic Power Consumption	✓	✓		✓
	Power Consumption	237.2W	566W (without PoE) 2,006W (max PoE)	55W	See online configurator
Physical	Desktop/Rackmount/Click	R	R	R	R
	Metal/Plastic Enclosure	Metal	Metal	Metal	Metal
	MTBF @ 25°C	249,393 hrs	519,784 hrs	539,481 hrs	387 years (Base Chassis)
	Fan(s)	Front to back	Front to back	✓	Front to back
	Acoustic Noise @ 25°C	40.3dBA	35.8dBA (no PoE); 66.8dBA (max PoE)	35.6dBA	53dBA
	Width x Depth x Height	440 x 345 x 44 mm (17.32 x 13.58 x 1.73 in)	440 x 535 x 88 mm (17.32 x 21.08 x 3.47 in)	440 x 391 x 43.2 mm (17.32 x 15.39 x 1.7 in)	432 x 442 x 176 mm (17.01 x 17.39 x 6.93 in)
	Weight	6.55 kg (14.44 lb)	16.28 kg (35.86 lb) (K1)	5.4 kg (11.91 lb)	Up to 31.6 kg (69.67 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A	A
Warranty Hardware		Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime	Lifetime	Lifetime
Modules		AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM763/ AXM764/AXM765	AGM731F/AGM732F; AXC761/3/5/7/10/15/20 AXM761/AXM762/AXM764/ AXM765	AFM735, AGM731F/ AGM732F AX742, AX743/ AX744/AX745; AXM761/ AXM762/AXM763, AXM764; RPS4000 (RPS x4 switches)	XCM8948/XCM8944/XCM8944F/ XCM8924X/XCM89P/XCM89UP; RPS4000v2;AGM731F/AGM732F/AGM734; AXM761/AXM762/AXM763; AXC761/ AXC763/AXC753; APS1000W; AFT603
ProSUPPORT Maintenance PKGS	OnCall 24x7 1-year OnCall 24x7 3-year OnCall 24x7 5-year	PMB0314 PMB0334 PMB0354	PMB0314 PMB0334 PMB0354	PMB0314 PMB0334 PMB0354	PMB0314 PMB0334 PMB0354

Modules and Accessories for Switches

For use with managed switches

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/OM2multimode (275m)	9µm single mode (10km)	Copper CAT5E or better (1000 Mbps Full Duplex only)	50µm/62.5µm OM1/OM2/OM3/OM4 multimode (2km)
Switch Compatibility	Select Smart Managed (Plus, Pro), Fully Managed Switches	Select Smart Managed (Plus, Pro), Fully Managed Switches	Select Smart Managed (Plus, Pro), Fully Managed Switches	Select Smart Managed (Plus, Pro), 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/OM2multimode (33m)	9µm single mode (10km)
Switch Compatibility	M5300 series (rear bays)	M5300 series (rear bays)	M5300 series (rear bays)	Select Smart Managed (Plus, Pro), Fully Managed Switches	Select Smart Managed (Plus, Pro), 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, Smart Managed (Plus, Pro), Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Fully Managed Switches
Warranty	5 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, Smart Managed (Plus, Pro), Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Fully Managed Switches	Select Unmanaged, Smart Managed (Plus, Pro), Fully Managed Switches
Warranty	5 year	5 year	5 year	5 year	5 year

Modular Power Supply

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

Modular Power Supply

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

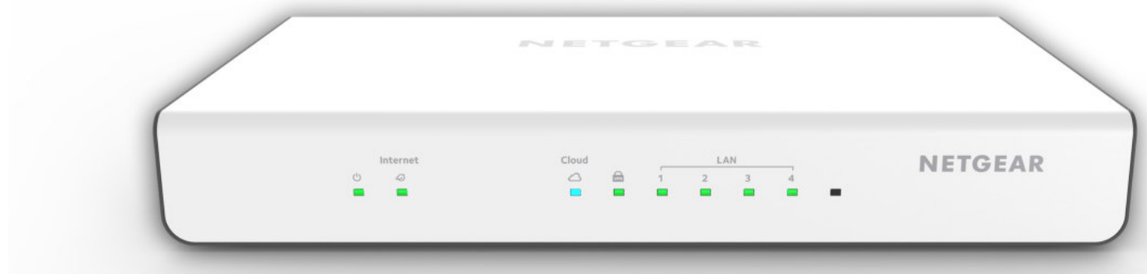
Modules and Accessories for Switches

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		

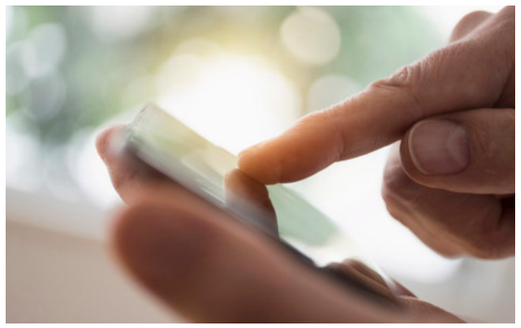
SECURITY

INSIGHT INSTANT VPN ROUTER

Introducing easy Instant VPN for SMBs

Creating a VPN today

Creating a VPN with Insight



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

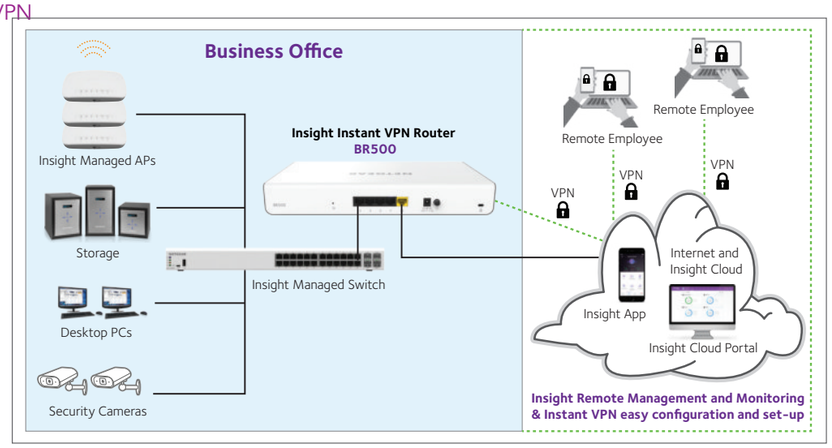
NETGEAR has recognized the needs of modern businesses and summarized them in the NETGEAR® Insight™ Instant VPN Router. A business-class router with Instant VPN technology, world's easiest and most user friendly way to remotely connect to your office as if you were there and never left. It has never been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

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

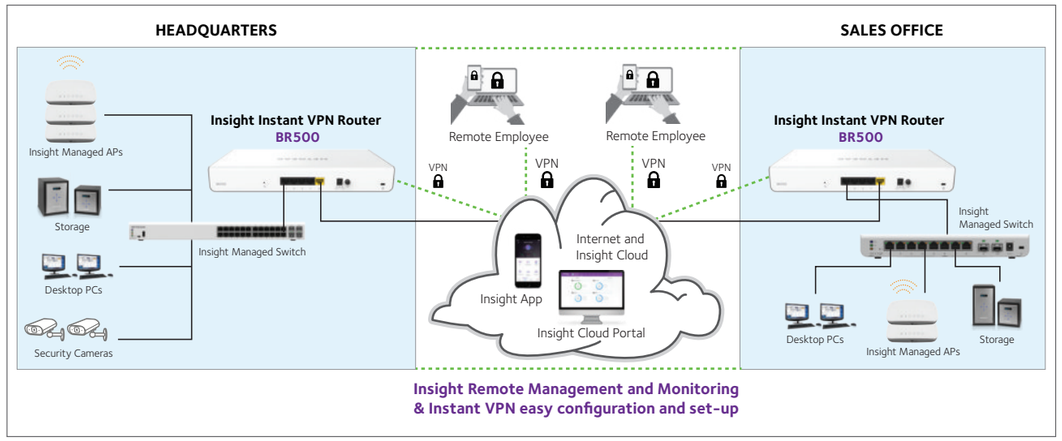
Using NETGEAR Insight, you have visibility and access to all features from routing to VPN setup, configuration, management and monitoring all from a single pane of glass, on your phone or laptop.*

* Remote VPN and site-to-site VPN require a paid subscription to Insight Instant VPN. More details at www.netgear.com/insight

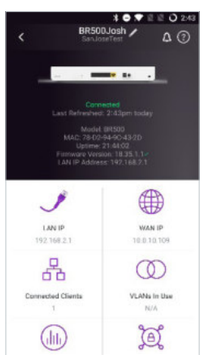
Secure Remote VPN

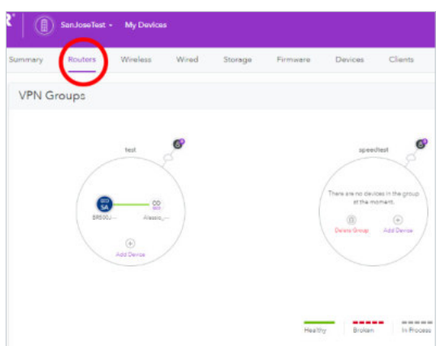


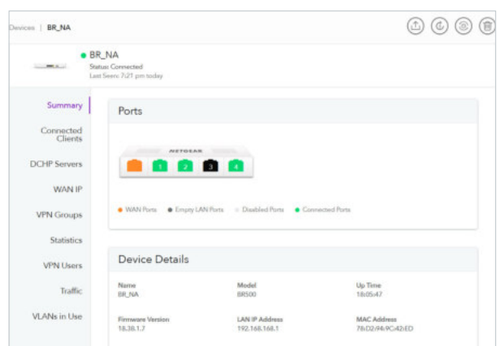
Site-to-Site VPN



Full monitoring and management through NETGEAR Insight app or Cloud Portal







SECURITY

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

SUPPORT

ProSUPPORT for Business

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

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

More Than Just Support — A Business Partnership

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

OnCall 24x7 Tech Support

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

Professional Configuration and Setup Assistance

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

Extended Warranty with Next Business Day Replacement

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

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

*This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller, and covers unmodified hardware, fans and internal power supplies–not soware or external power supplies, and requires product registration at https://www.netgear.com/business/registration within 90 days of purchase; see https://www.netgear.com/about/warranty for details.

NETGEAR ProSUPPORT

ProSUPPORT SKU

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

Availability by Product

Category	Product Family	Hardware Warranty	90-Day Free Support	*Limited Lifetime Online Tech Support	ProSUPPORT Category
Insight Managed Smart Cloud Switches	GC110	5 Yr	Y	N	Category S2
	GC110P	5 Yr	Y	N	Category S2
	GC510P	5 Yr	Y	N	Category S2
	GC510PP	5 Yr	Y	N	Category S2
	GC728X	5 Yr	Y	N	Category 1
	GC728XP	5 Yr	Y	N	Category 1
	GC752X	5 Yr	Y	N	Category 2
	GC752XP	5 Yr	Y	N	Category 2
Fully Managed Switches	FSM752P	Lifetime	Y	N	Category 2
	FSM7326PNA	Lifetime	Y	N	Category 2
	GSM4210P	Lifetime	Y	Y	Category 2
	GSM4328PA	Lifetime	Y	Y	Category 3
	GSM4328PB	Lifetime	Y	Y	Category 3
	GSM4328S	Lifetime	Y	Y	Category 3
	GSM4352PA	Lifetime	Y	Y	Category 3
	GSM4352PB	Lifetime	Y	Y	Category 3
	GSM4352S	Lifetime	Y	Y	Category 3
	GSM5212	Lifetime	Y	Y	Category 2
	GSM5212P	Lifetime	Y	Y	Category 2
	GSM7212F	Lifetime	Y	Y	Category 2
	GSM7224	Lifetime	Y	Y	Category 2
	GSM7224P	Lifetime	Y	Y	Category 2
	GSM7226LP	Lifetime	Y	Y	Category 2
	GSM7228PS	Lifetime	Y	Y	Category 3
	GSM7228S	Lifetime	Y	Y	Category 3
	GSM7248	Lifetime	Y	Y	Category 2

NETGEAR ProSUPPORT

Availability by Product (continued)

Category	Product Family	Hardware Warranty	90-Day Free Support	* Limited Lifetime Online Tech Support	ProSUPPORT Category
Fully Managed Switches	GSM7248P	Lifetime	Y	Y	Category 2
	GSM7252PS	Lifetime	Y	Y	Category 3
	GSM7252S	Lifetime	Y	Y	Category 3
	GSM7328FS	Lifetime	Y	Y	Category 3
	GSM7328S	Lifetime	Y	Y	Category 3
	GSM7352S	Lifetime	Y	Y	Category 3
	XSM4316S	Lifetime	Y	Y	Category 3
	XSM4324CS	Lifetime	Y	Y	Category 3
	XSM4324S	Lifetime	Y	Y	Category 3
	XSM4348CS	Lifetime	Y	Y	Category 3
	XSM4348S	Lifetime	Y	Y	Category 3
	XSM4396K0	Lifetime	Y	Y	Category 4
	XSM4396K1	Lifetime	Y	Y	Category 4
Fully Managed Switches, Chassis	XCM8903SF	Lifetime	Y	Y	Category 4
	XCM8903SK	Lifetime	Y	Y	Category 4
	XCM8903SX	Lifetime	Y	Y	Category 4
Stackable Smart Managed Pro Switch Bundles	GS752TSB	*Limited Lifetime	Y	Y	Category 2
	GS752TPSB	*Limited Lifetime	Y	Y	Category 2
Stackable Smart Managed Pro Switches	GS728TX	*Limited Lifetime	Y	Y	Category 2
	GS728TXP	*Limited Lifetime	Y	Y	Category 2
	GS752TX	*Limited Lifetime	Y	Y	Category 2
	GS752TXP	*Limited Lifetime	Y	Y	Category 3
	GS752TXS	*Limited Lifetime	Y	Y	Category 3
Smart Managed Pro Switches	FS728TLP	*Limited Lifetime	Y	N	Category 1
	FS728TP	*Limited Lifetime	Y	N	Category 1
	GS108T	*Limited Lifetime	Y	Y	Category S1
	GS110TP	*Limited Lifetime	Y	Y	Category S2
	GS308T	5 Yr	Y	N	Category S1
	GS310TP	5 Yr	Y	N	Category S2
	GS324T	5 Yr	Y	N	Category S2
	GS324TP	5 Yr	Y	N	Category 1
	GS348T	5 Yr	Y	N	Category 1
	GS418TPP	*Limited Lifetime	Y	Y	Category 1
	GS510TLP	*Limited Lifetime	Y	Y	Category S2
	GS510TP	*Limited Lifetime	Y	Y	Category 1
	GS510TPP	*Limited Lifetime	Y	Y	Category 1
	GS516TP	*Limited Lifetime	Y	Y	Category 1
	GS716T	*Limited Lifetime	Y	Y	Category S2
	GS724T	*Limited Lifetime	Y	Y	Category 1
	GS724TP	*Limited Lifetime	Y	Y	Category 1
	GS728TP	*Limited Lifetime	Y	Y	Category 1
	GS728TPP	*Limited Lifetime	Y	Y	Category 1
	GS748T	*Limited Lifetime	Y	Y	Category 1
	GS752TP	*Limited Lifetime	Y	Y	Category 2
	GS752TPP	*Limited Lifetime	Y	Y	Category 2
	MS510TX	*Limited Lifetime	Y	Y	Category 2
	MS510TXPP	*Limited Lifetime	Y	Y	Category 2
	XS708T	*Limited Lifetime	Y	Y	Category 1
	XS712T	*Limited Lifetime	Y	Y	Category 2
	XS716T	*Limited Lifetime	Y	Y	Category 2
	XS728T	*Limited Lifetime	Y	Y	Category 2
	XS748T	*Limited Lifetime	Y	Y	Category 3

NETGEAR ProSUPPORT

Availability by Product (continued)

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

NETGEAR ProSUPPORT

Availability by Product (continued)

Category	Product Family	Hardware Warranty	90-Day Free Support	*Limited Lifetime Online Tech Support	ProSUPPORT Category
ReadyNAS Desktop	RN212	5 Yr	Y	N	Category 2
	RN214	5 Yr	Y	N	Category 2
	RN312	5 Yr	Y	N	Category 2
	RN314	5 Yr	Y	N	Category 2
	RN316	5 Yr	Y	N	Category 2
	RN422	5 Yr	Y	N	Category 2
	RN424	5 Yr	Y	N	Category 2
	RN426	5 Yr	Y	N	Category 3
	RN428	5 Yr	Y	N	Category 3
	RN524X	5 Yr	Y	N	Category 3
	RN526X	5 Yr	Y	N	Category 3
	RN528X	5 Yr	Y	N	Category 3
	RN626X	5 Yr	Y	N	Category 3
	RN628X	5 Yr	Y	N	Category 3
ReadyNAS Rackmount	RR2304	5 Yr	Y	N	Category 2
	RR2312	5 Yr	Y	N	Category 3
	RN3138	5 Yr	Y	N	Category 3
	RR3312	5 Yr	Y	N	Category 4
	RR4312X	5 Yr	Y	N	Category 4
	RR4360X	5 Yr	Y	N	Category 4
ReadyNAS Expansion Chassis	EDA4000	5 Yr	N	N	Category 4
WiFi Systems - Orbi	RBS50Y	5 Yr	Y	Y	Category S2
	SRK60	5 Yr	Y	Y	Category 1
	SRR60	5 Yr	Y	Y	Category 1
	SRS60	5 Yr	Y	Y	Category 1
	SRC60	5 Yr	Y	Y	Category 1
Wireless 802.11ac Access Points	WAC104	3 Yr	Y	N	Category S1
	WAC120	3 Yr	Y	N	Category S1
	WAC124	3 Yr	Y	N	Category S1
	WAC505	5 Yr	Y	N	Category S1
	WAC510	5 Yr	Y	N	Category S2
	WAC540	5 Yr	Y	N	Category1
	WAC720	*Limited Lifetime	Y	Y	Category 1
	WAC730	*Limited Lifetime	Y	Y	Category 1
	WAC740	*Limited Lifetime	Y	Y	Category 1
Wireless Access Points	WNAP210	*Limited Lifetime	Y	Y	Category S2
	WNAP320	*Limited Lifetime	Y	Y	Category 1
	WND930	*Limited Lifetime	Y	Y	Category 1
	WNDAP330	*Limited Lifetime	Y	Y	Category 1
	WNDAP350	*Limited Lifetime	Y	Y	Category 1
	WNDAP360	*Limited Lifetime	Y	Y	Category 1
	WNDAP620	*Limited Lifetime	Y	Y	Category 1
	WNDAP660	*Limited Lifetime	Y	Y	Category 1
	WNSKT350	*Limited Lifetime	Y	Y	Category 1
Wireless Management Systems	WC7520	*Limited Lifetime	Y	Y	Category 1
	WC7520SKT	*Limited Lifetime	Y	Y	Category 1
VPN Firewalls and Routers	FVS318G	*Limited Lifetime	Y	Y	Category 1
	FVS318N	*Limited Lifetime	Y	Y	Category 1
	FVS318NA	*Limited Lifetime	Y	Y	Category 1
	FVS336G	*Limited Lifetime	Y	Y	Category 1
	SRX5308	*Limited Lifetime	Y	Y	Category 1
	BR500	5 Yr	Y	N	Category 1