NETGEAR®

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NETGEAR®

BUSINESS PRODUCTS

VOL. **17 – 1**

DESIGNED WITH YOUR BUSINESS IN MIND

DESIGNED WITH YOUR BUSINESS IN MIND

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

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

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

Patrick Lo

NETGEAR CEO and Co-founder

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

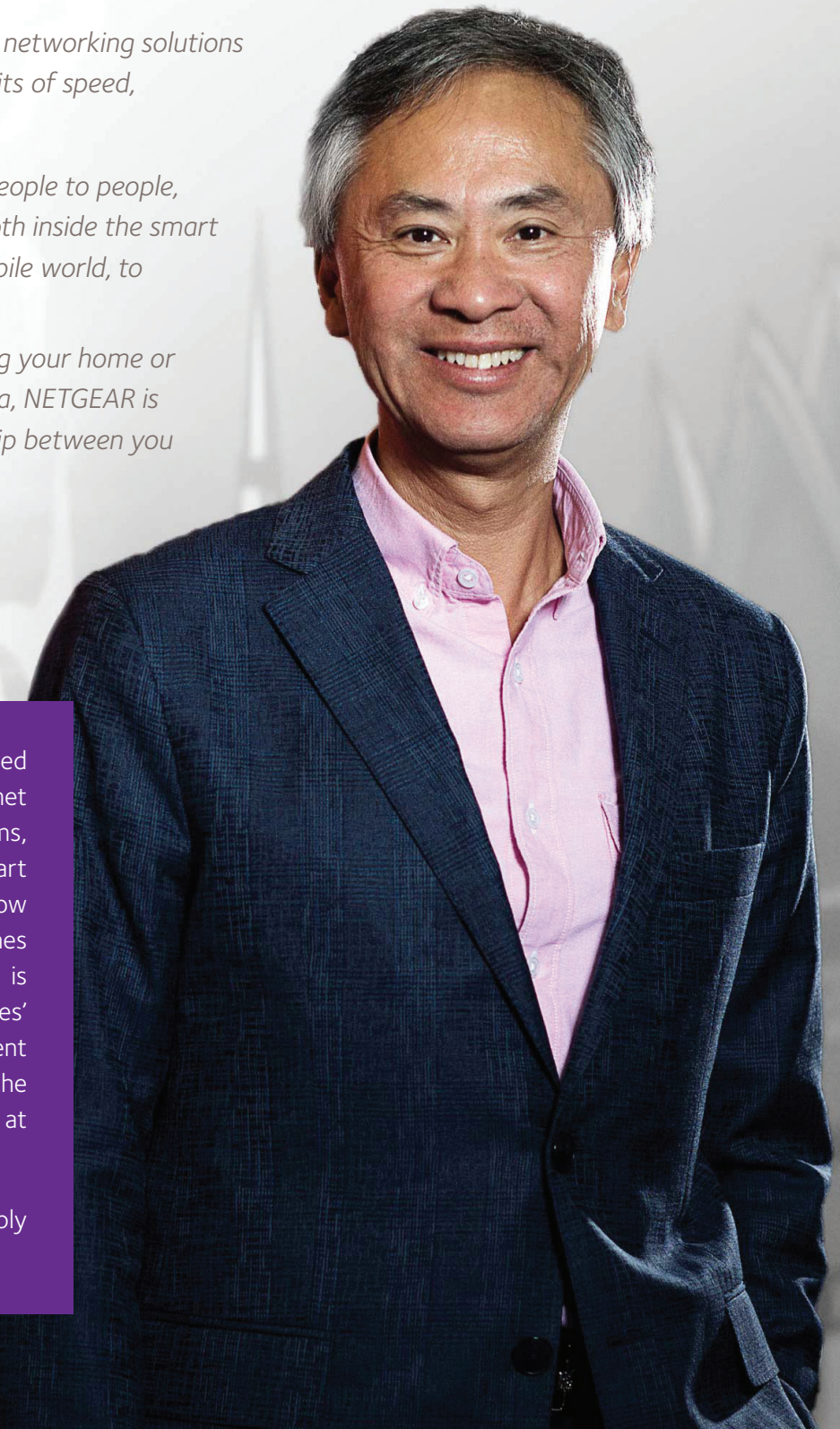NETGEAR Business Solutions are simply designed with your business in mind.

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

Get the most comprehensive and versatile switching portfolio

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

Unlock your WiFi potential with ultimate speed and coverage

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

Experience the highest performing and secure storage

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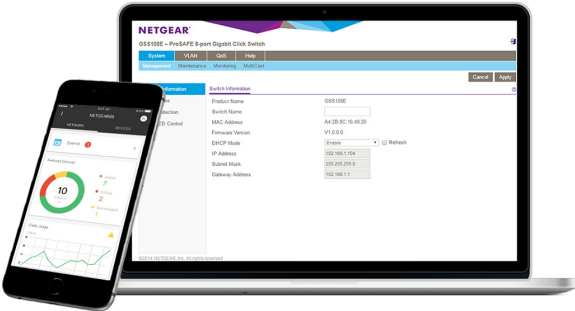
Network Management made easy

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

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

Connection Setup

Offsite Location

Physical Connection
Management Connection

INTERNET

ReadyNAS Network Storage

Gateway

ReadyDR

Wireless LAN

ReadyNAS Network Storage

GS108T Smart Managed Switch

GS108PE Web Managed PoE Switch

WAC510 AC WiFi Access Point

Wired LAN

Insight App Management

PoE IP Surveillance Camera
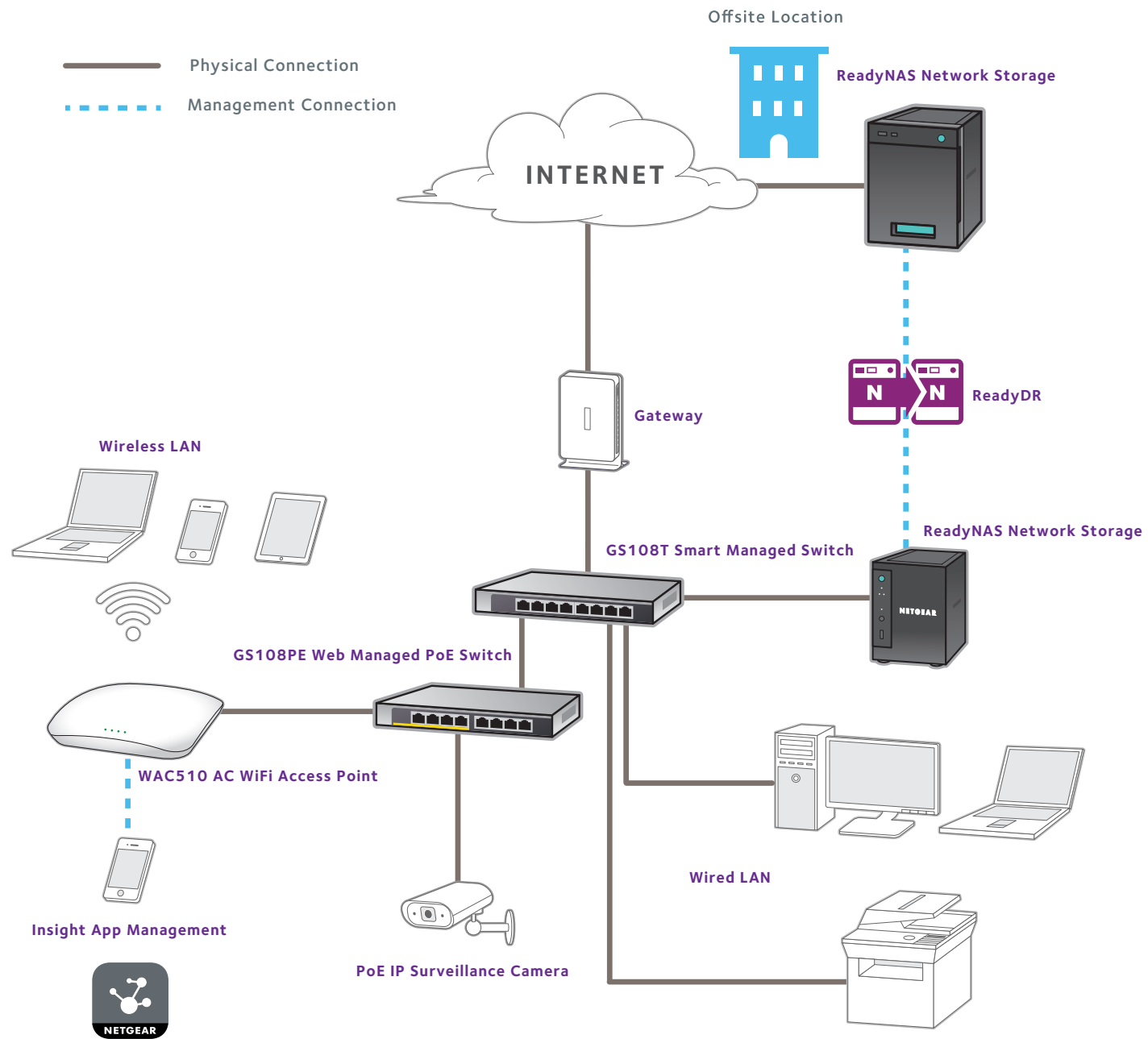
NETWORK SOLUTION FOR A SMALL BUSINESS, 5-75 USERS

Connection Setup

Physical Connection

Management Connection

INTERNET

Offsite Location

Firewall

ReadyDR

ProSAFE Wireless Controller

ProSAFE Gigabit Smart Switch

ProSAFE 10G Smart Switch

ProSAFE Gigabit PoE Smart Switch

ReadyNAS Network Storage

ProSAFE Dual Band Wireless-AC Access Point
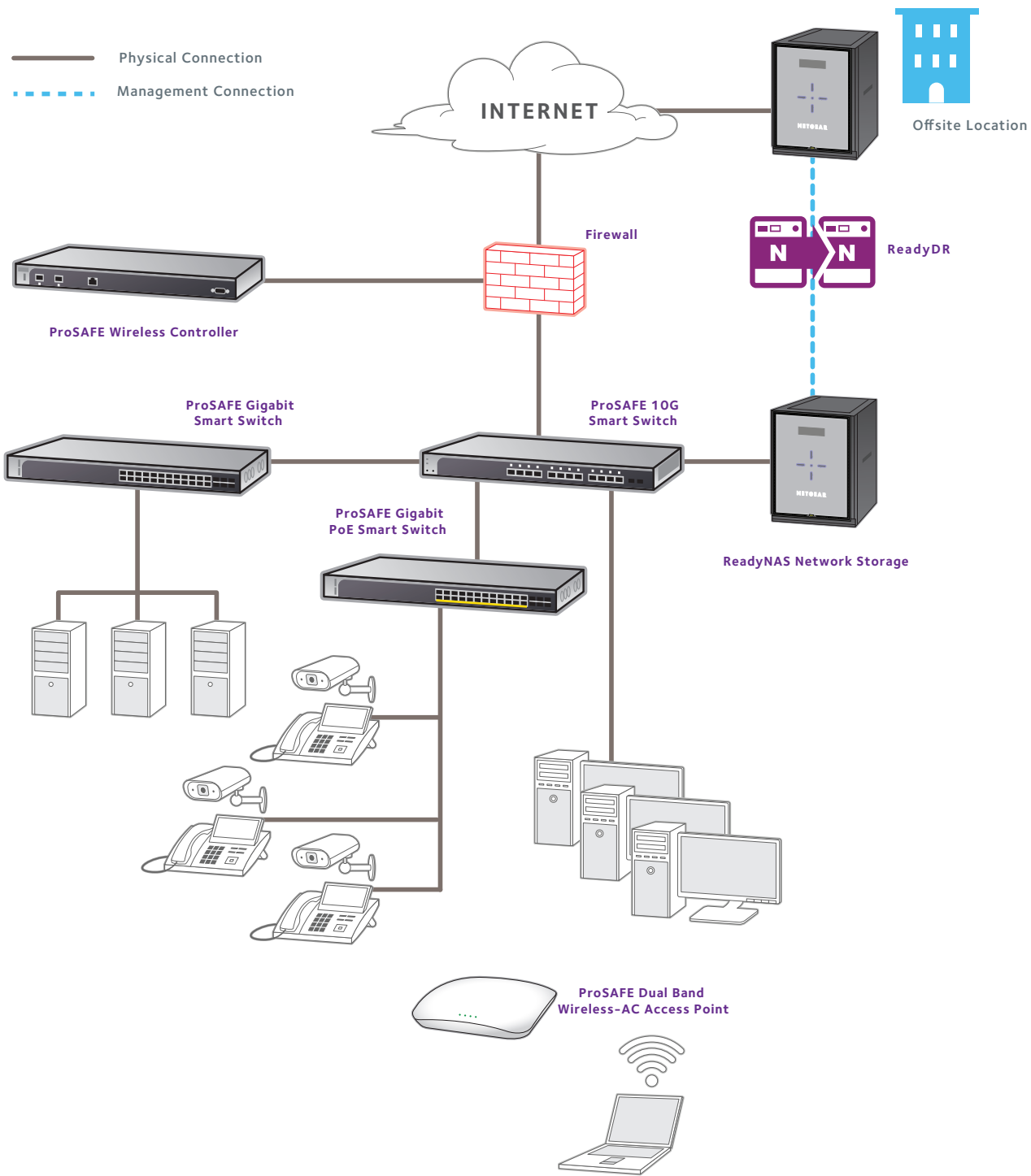
NETWORK SOLUTION FOR A GROWING MID-SIZE BUSINESS, 75-250 USERS

Connection Setup

Physical Connection

Management Connection

Offsite Location

ReadyNAS Network Storage

INTERNET

Firewall

ReadyDR

ReadyNAS Network Storage

Content Security Appliance

ProSAFE M6100 Chassis Switch

ProSAFE Wireless Controller

ProSAFE NMS300 Network Management System

ProSAFE M4300 Managed Gigabit Switch

ProSAFE PoE Managed Switch

ProSAFE Stackable Managed Switch

ProSAFE M4300 Managed 10 Gigabit Switch

ProSAFE M4200 PoE Managed Switch

ReadyNAS Network Storage

Wireless-AC Access Point

ProSAFE Wave 2 Wireless-AC Access Point

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

Connection Setup

Physical Connection

Management Connection

Offsite Location

INTERNET

ReadyNAS Network Storage

ReadyDR

Firewall

Content Security
Appliance

ReadyNAS Network Storage

VPN
Client Software

ProSAFE
10G Smart Switch

ProSAFE
M6100 Chassis Switch

ProSAFE Stackable
PoE Managed Switch

ProSAFE
10G Managed Switch

ProSAFE Stackable
PoE Managed Switch

ProSAFE
Wireless Controller

ProSAFE Stackable
PoE Managed Switch

Local Area Network

PoE

PoE

PoE

ProSAFE
Wireless-AC Access Points

ProSAFE Network
Management System

ProSAFE
Wireless-AC Access Points

All the Insight You
Need. In the Palm
of Your Hand

NETGEAR
Insight App

8

DISCOVER A NEW WAY OF MANAGING YOUR NETWORK WITH THE NETGEAR INSIGHT APP

Simply setup and manage your network from the palm of your hand!

The NETGEAR Insight management app lets you easily discover, setup, monitor and manage select wireless access points and ReadyNAS directly from your iOS or Android device.

Now, you can easily discover and install your devices through QR code scan or WiFi discovery, identify device status and usage at a glance, and quickly recognize issues or take action on problems on your network devices. With NETGEAR Insight, you can manage your network anywhere in the office, even when you're not at your desk.

The NETGEAR Insight app, a new easy way of managing your network devices

- App-based management of WAC510 AC WiFi Access Point and ReadyNAS with OS 6 on your local network

- No additional hardware needed to manage your Insight compatible devices
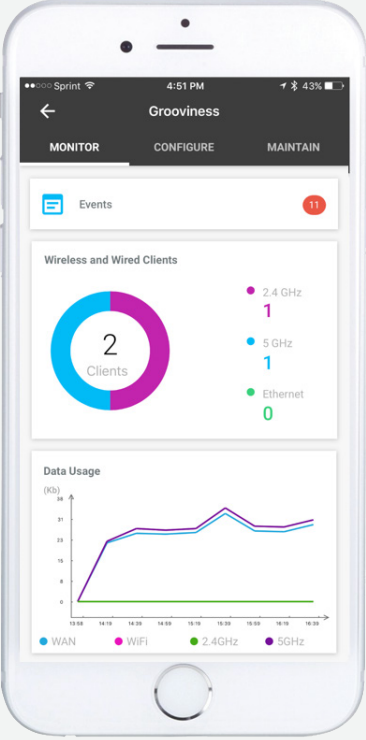
- Easy setup of your WAC510 or ReadyNAS (with OS 6) using WiFi discovery, QR Code or Bluetooth

- Real-time data usage monitoring with detailed logs

- Upgrade device firmware or reboot

Compatibility and Requirements

The NETGEAR Insight management app is currently only compatible with the WAC510 wireless access point and ReadyNAS models with OS 6.6 and above. The number of devices compatible with Insight will continue to grow in future releases. Just look for the NETGEAR Insight logo. Using NETGEAR Insight in your local network requires a non-restrictive firewall.

PRODUCT NUMBER	NETGEAR INSIGHT
Features	No additional hardware needed to manage Insight compatible devices Web Managed Switch discovery, registration and IP address Management Setup of WAC510 or ReadyNAS using WiFi Discovery, QR Code or Bluetooth App-based management of WAC510 and ReadyNAS on local network Multi-Device Monitoring dashboard Real-time data usage Monitoring with detailed logs Upgrade device firmware or reboot
Key Deployment	Local management of WAC510 access points, ReadyNAS running OS 6.6 and later
Common Management Ownership	End customer or Managed Service Provider
Supported Access Points	WAC510 (full) WAC720, WAC730 (discovery & registration)
Supported ReadyNAS storage	ReadyNAS models with OS 6.6 and above RN102, RN104, RN202, RN204, RN212, RN214, RN312, RN314, RN316, RN516, RN716X, RN524X, RN526X, RN528X, RN626X, RN628X, RN2120, RN2120v2, RN3130, RN3138, RN3220, RN4220, RR3312, RR4312S, RR4312X, RR4360X, RR4360S (Bluetooth dongle only included with RN52X/62X series)
Supported Web Managed Switch	All models support discovery & registration GS105Ev2, GS105PE, GS108PEv3, GS108Ev3, GS116Ev2, JGS516PE, JGS524Ev2, JGS524PE, GSS108E, GSS116E, XS708Ev2, XS716E, GSS108EPP, GS408EPP, GS808E
Centralized Configuration	Yes (on local network)
Multiple SSIDs, VLAN	Yes
Monitor data	Clients trends, Traffic trends, Client device type,
Alarm	Notification of logs and events
Load Balancing	APs load monitoring and overloading prevention Clients redirection to lightly loaded neighboring APs
Bandwidth Management	Uplink and Downlink on per SSID basis
Client Authentication	Open, WPA/WPA2-PSK
Limitation on number of clients per AP	Yes
Captive portal with Guest management	Yes
Supported Operating System	iOS (version 8.0 and above) Android (version 4.4 and above)

SWITCHING

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 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.

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

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

SMART STACKABLE
A natural progression from Smart Managed, but adding "Pay-as-you-go" by allowing up to 6 switches to be logically stacked and managed as one.

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!

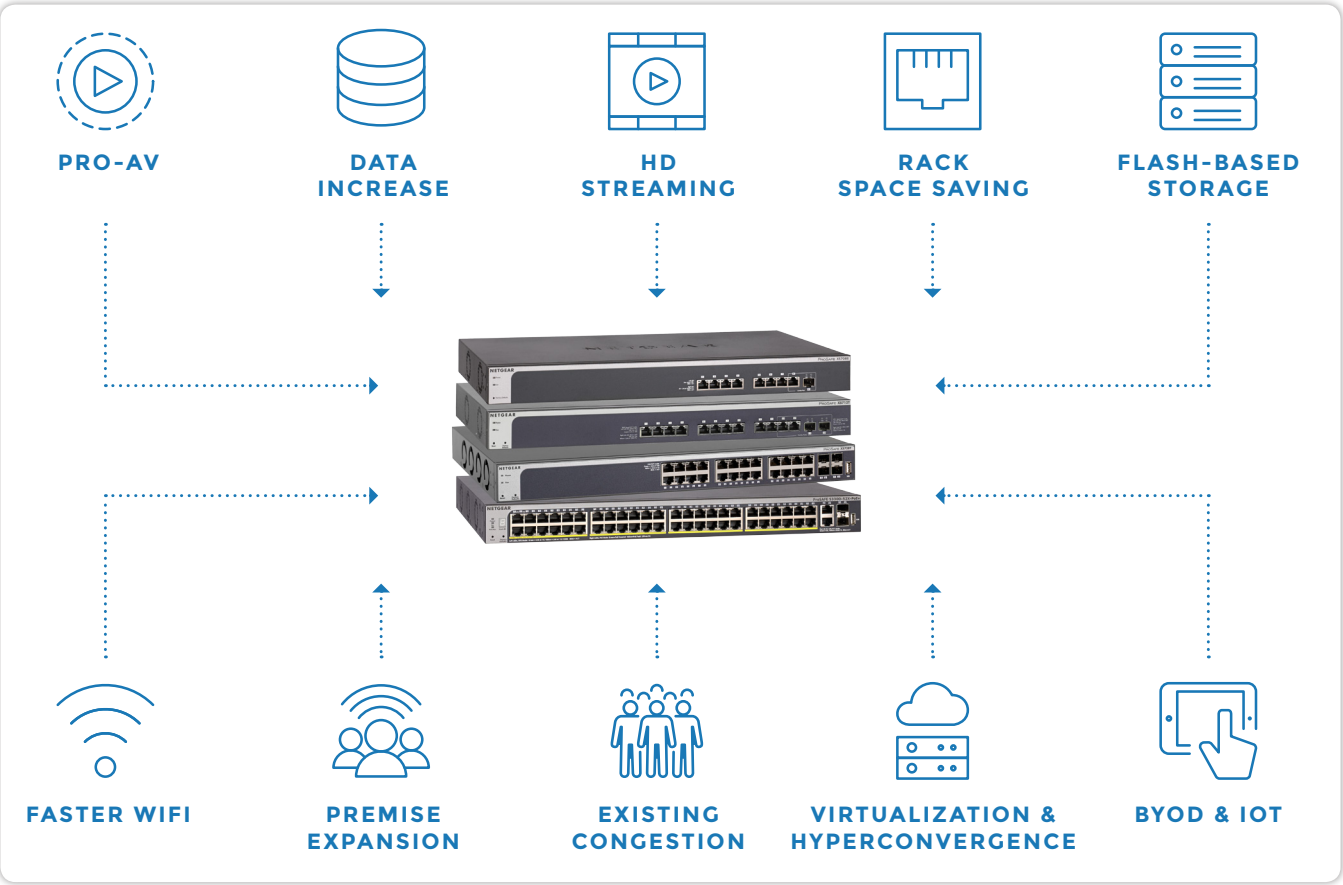|	UNMANAGED				WEB MANAGED (PLUS)			SMART MANAGED	SMART STACKABLE		FULLY MANAGED	CHASSIS
Customer	Small											
				Mid sized								
Switching	L2								L2+/Lite L3		L2+/L3	L2/3/4
Expansion	Fixed Port								Stackable		Fixed / Stackable	Modular
10/100	FS/JFS Series						FSSeries				M4100	
GbE	200/600	300	100	500	Click	100	400/500	GS Series	GS Series	GS Series / S3300	M4100/M4200 / M4300	M6100
10GbE					XS708Ev2	XS716E			XS Series		M4300	M6100
Warranty	2 yrs	3 yrs		Lifetime								
Management				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!

PRO-AV · DATA INCREASE · HD STREAMING · RACK SPACE SAVING · FLASH-BASED STORAGE

FASTER WIFI · PREMISE EXPANSION · EXISTING CONGESTION · VIRTUALIZATION & HYPERCONVERGENCE · BYOD & IOT

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	XS716T	XS728T	XS748T
Management	Web	Web	Smart	Smart	Smart	Smart
Total 10Gb ports	8	16	8	16	28	48
10Gb Copper ports	8	16	8	16	24	44
10Gb SFP+ ports	1 combo	1 combo	2 combo	2 combo	4 dedicated	4 dedicated
Line rate (Gbps)	160	320	160	320	560	960
Desktop	Y	Y	Y	Y	Y	Y
Full rackmount	Y	Y	Y	Y	Y	Y

STACKABLE M4300 SERIES MODELS

MODEL NAME	M4300-8X8F	M4300-12X12F	M4300-24X	M4300-24X24F	M4300-48X
MODEL NO	XSM4316S	XSM4324S	XSM4324CS	XSM4348S	XSM4348CS
Management	Full	Full	Full	Full	Full
Total 10Gb ports	16	16	24	48	48
10Gb Copper ports	8	12	24	24	48
10Gb SFP+ ports	8 dedicated	12 dedicated	4 combo	24 dedicated	4 combo
Line rate (Gbps)	320	480	480	960	960
Half Width	Y	Y	Y		
Full width				Y	Y
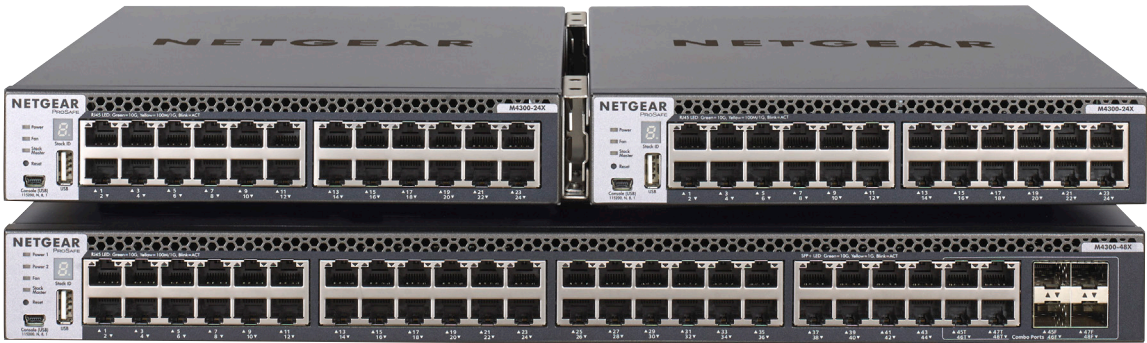
NETGEAR INDUSTRY-FIRST CLICK & EASY-MOUNT SWITCHES

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).

And 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**	**M4200-10MG-POE-PLUS**
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	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	Wireless AC Wave 2 device deployment, SMBs with dense PoE device deployment
Gigabit Ethernet ports	8	16	8	8	
Multi-Gig Ethernet ports					8
10-Gigabit ports					2 SFP
PoE+ ports			4	8	8
PoE budget			47W	124W	240W
Fan	Fanless	Fanless	Fanless	Active fan/low noise	Active fan/low noise
Management	Web Managed	Web Managed	Web Managed	Web Managed	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

IP Phones
RFID Readers
Internet
Router
POS Terminal
IP Cameras
PoE Switch
Pass Through Powered Switch
PTZ Cameras (PoE+)
Color IP Phones (PoE+)
3x3 11n Dual Band Wireless Access Points (PoE+)
Video Phones (PoE+)
Door Controller
Thin Clients
Wireless Access Points
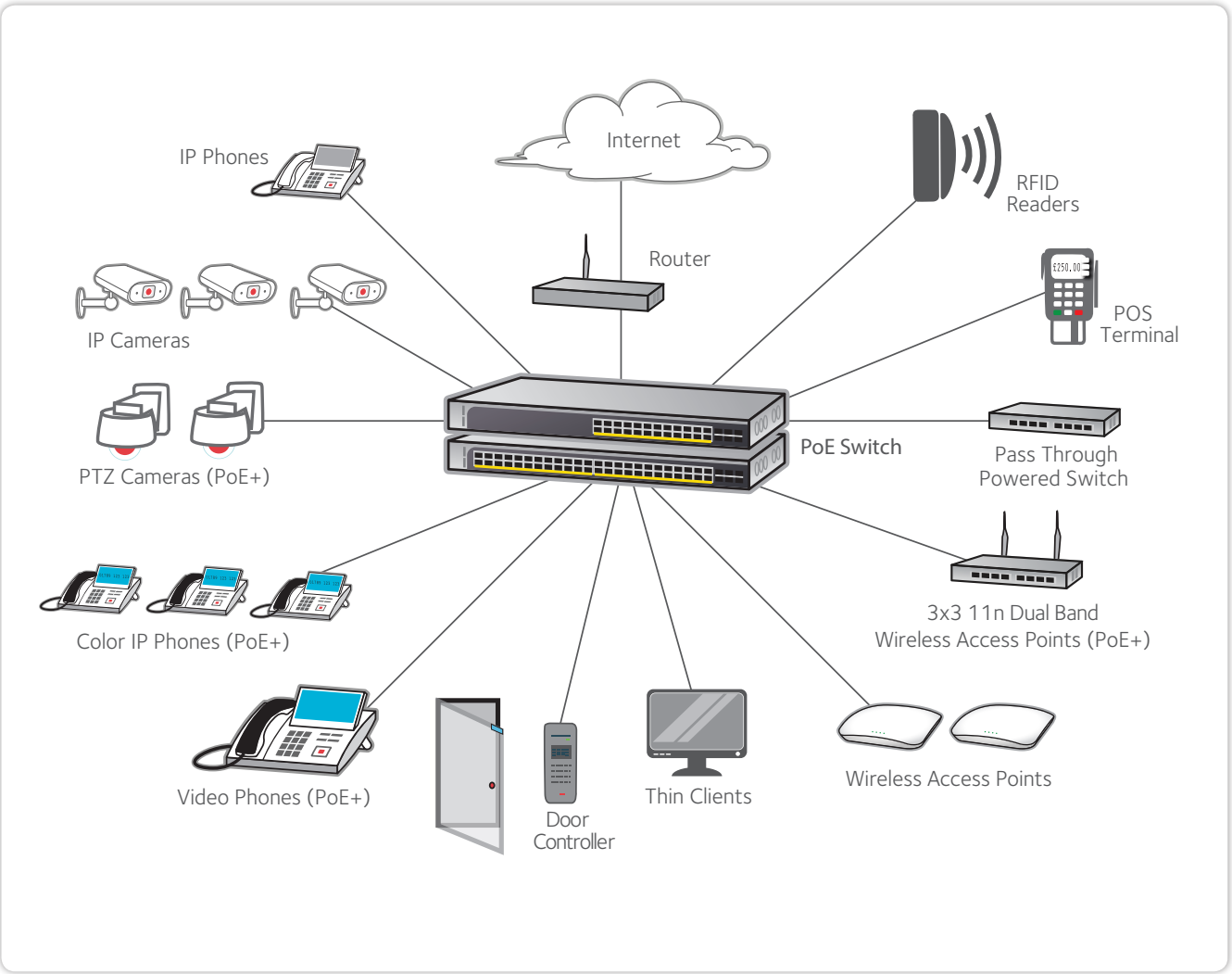
NETGEAR OFFERS A BROAD SPECTRUM OF POWER-OVER-ETHERNET SWITCHES

	UNMANAGED SWITCHES		WEB MANAGED (PLUS) SWITCHES			CLICK SWITCH	EASY-MOUNT	
MODEL	FS108P	FS116P	GS105PE	GS108PE	GSS108EPP	GS408EPP	JGS516PE	JGS524PE
PORTS	8 x FE	16 x FE	5 x GbE	2 x GbE	8 x GbE	8 x GbE	16 x GbE	24 x GbE
PoE PORTS	4	8	2 x PoE, 1 x PD	4	4 (PoE+)	8 (PoE+)	8	12
PoE BUDGET	53W	70W	up to 19W with 802.3at power in, up to 7.9W with 802.3af power in	53W	47W	124W	85W	100W

	SMART MANAGED SWITCHES							
MODEL	GS110TP	GS510TP	GS516TP	FS728TLP	FS728TP	GS728TP	GS728TPP	GS752TP
PORTS	8 x GbE + 2 SFP	8 x GbE + 2 SFP	16 x GbE	24 x FE + 2 x GbE + 2 Combo SFP	24 x FE + 2 x GbE + 2 Combo SFP	24 x GbE and 4 GbE dedicated SFP	24 x GbE and 4 GbE dedicated SFP	48 x GbE and 4 GbE dedicated SFP
PoE PORTS	8	8 (PoE+)	8 x PoE, 2 x PD	12	24	24 (8 PoE+)	24 PoE+	48 (8PoE+)
PoE BUDGET	46W	130W	up to 76W (AC Power in), up to 22W (2 x 802.3at in), up to 11W (1 x 802.3at and 1 x 802.3af in)	100W	192W	192W	384W and up to 720W with EPS	384W

	STACKABLE SMART SWITCHES			M4100 SERIES MANAGED SWITCHES (L2+ STANDALONE)				
MODEL	S3300-28X-POE+ (GS728TXP)	S3300-52X-POE+ (GS752TXP)	GS752TPSB (INCL. AGC761 STACKING CABLE)	M4100-12GF (GSM7212F)	M4100-26G-POE (GSM7226LP)	M4100-24G-POE+ (GSM7224P)	M4100-50G-POE+ (GSM7248P)	
PORTS	24 x GbE + 4 Dedicated 10G ports (2 RJ45 + 2 SFP+)	48 x GbE + 4 Dedicated 10G ports (2 RJ45 + 2 SFP+)	48 x GbE and 2 Combo SFP and 4 Dedicated 1G/2.5G SFP	12 x GbE with 12 shared SFP and 4 GbE PoE+	26 x GbE + 4 Combo SFP	24 x GbE + 4 Combo SFP	50 x GbE + 4 Combo SFP	
PoE PORTS	24 PoE+ w/RPS	48 PoE+ w/RPS	48 (8 PoE+)	4 (PoE+)	24	24 (24 PoE+)	48 (48 PoE+)	
PoE BUDGET	195W and up to 720W with RPS	390W and up to 1400W with RPS	384W	150W	192W and up to 380W with EPS	380W and up to 720W with EPS	380W and up to 1,440W with EPS	

	M4200 SERIES INTELLIGENT EDGE MANAGED SWITCHES (L2+ L3 MULTI-GIGABIT)	M4300 SERIES INTELLIGENT EDGE MANAGED SWITCHES (L2+ L3 STACKABLE)				M6100 SERIES CAMPUS EDGE AND SMB CORE CHASSIS SWITCHES	
MODEL	M4200-10MG-POE+ (GSM4210P)	M4300-28G-POE+ (GSM4328PA)	M4300-28G-POE+ (GSM4328PB)	M4300-52G-POE+ (GSM4352PA)	M4300-52G-POE+ (GSM4352PB)	XCM89P	XCM89UP
PORTS	8 x 2.5G + 2 x 10GBASE-T	24 x GbE + 2 x 10GBASE-T + 2 x 10GBASE-X SFP+	24 x GbE + 2 x 10GBASE-T + 2 x 10GBASE-X SFP+	48 x GbE + 2 x 10GBASE-T + 2 x 10GBASE-X SFP+	48 x GbE + 2 x 10GBASE-T + 2 x 10GBASE-X SFP+	PoE/PoE+ daughter card for XCM8944 & XCM8948	PoE/PoE+ & UPOE daughter card for XCM8944 & XCM8948
PoE PORTS	8 (8 PoE+)	24 (24 PoE+)	24 (24 PoE+)	48 (48 PoE+)	48 (48 PoE+)	Up to 136 PoE+	Up to 136 PoE+ or UPOE
PoE BUDGET	240W	480W with 1 included PSU (APS550W) and up to 720W w/ 2 PSU	630W (720W w/ 220V AC input) w/ 1 included PSU (APS1000W) and up to 720W w/ 2 PSU	480W with 1 included PSU (APS550W) and up to 720W w/ 2 PSU	591W (860W w/ 220V AC input) w/ 1 included PSU (APS1000W) and up to 1010W (1440W w/ 220V AC input) w/ 2 PSU	Up to 30W per port	Up to 60W per port

Switch Naming Convention

Unmanaged & Web Managed —
How to read the product code

J	FS	5	24	E	P

- Unmanaged & Plus Rackmountable Switches
- Fast Ethernet
- Number of Ports
- PLUS
- PoE

GS	S	1	08	P	P

- Gigabit Ethernet
- Click Switch
- 1 Series Desktop Switches
- Number of Ports
- PoE
- PoE+

Smart Switches —
How to read the product code

FS	7	28	T	P	LP

- Fast Ethernet
- 7 Series Rackmountable
- Number of Ports
- Smart Switches
- PoE
- Low Power PoE

GS	7	52	T	P	PP	S

- Gigabit Ethernet
- 7 Series Rackmountable
- Number of Ports
- Smart Switches
- PoE
- High Power PoE or PoE+
- Stackable

Fully Managed Switches —
How to read the product code

GS	M	7	3	28	S

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

XS	M	7	2	24	S

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

ProSAFE® Switches

Unmanaged

Unmanaged, L2, 10/100 Fast Ethernet

MODEL		FS105	FS108	FS108P	FS116
Port Configuration	10/100 RJ45 Ports (Auto Uplink)	5	8	8	16
	10/100/1000 RJ45 Ports (Auto Uplink)				
PoE	Power Over Ethernet 802.3af Ports			4	
	PoE Plus (30W) 802.3at Ports				
	Total PoE/PoE+ Power Budget			53 Watts	
Scalability	# MAC Addresses	2,000	2,000	1,000	8,000
	MAC Address Aging (sec)	289 sec	292 sec		200–300 sec
Quality of Service	Number of Priority Queues			2	2
	Traffic Prioritization			Honors 802.1p Priority Tags	Honors 802.1p Priority Tags
Multicast Filtering	IGMP Snooping Version				
Performance	Bandwidth	1 Gbps	1.6 Gbps	1.6 Gbps	3.2 Gbps
	Buffer Memory	48KB Per System	Not Supported	96 KB Per System	160 KB Per System
	Jumbo Frames	2,048 bytes	2,048 bytes	Not Supported	Not Supported
Energy Efficiency	IEEE 802.3az	Supports	Supports	Supports	
	Auto Port Power Down	Supports	Supports	Supports	
	Max Power Consumption	0.9 Watts	1.01 Watts	Only 3.1 Watts. PoE Delivery- 56.1 Watts Max	5.46 Watts
Physical	Desktop/Rackmount/Click	D	D	D	D
	Metal/Plastic Enclosure	M	M	M	M
	MTBF at 25°C	4,262,794 Hours	4,015,496 Hours	927,000 Hours	4,046,880 Hours
	Acoustic Noise	0dB	0dB	0dB	0dB
	Fan	none	none	none	none
	Width x Depth x Height	94 x 101 x 27 mm (3.7 x 3.9 x 1.1 in.)	158 x 101 x 29 mm (6.2 x 4 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	0.25 kg (0.55 lb)	0.47 kg (1.04 lb)	0.50 kg (1.10 lb)	0.80 kg (1.8 lb)
Electromagnetic Compliance	Class (A or B)	B	B	B	A
Warranty Hardware		Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply		2 Year	2 Year	2 Year	2 Year
ProSUPPORT™ Maintenance PKGS	OnCall 3-year 24 x 7	PMB0331	PMB0331	PMB0331	PMB0331

ProSAFE Switches

Unmanaged

MODEL	Unmanaged, L2, Gigabit JFS524	Unmanaged, L2, 10/100 Fast Ethernet FS116P	Unmanaged, L2, Gigabit GS116
Port Configuration — 10/100 RJ45 Ports (Auto Uplink)	24	16	
10/100/1000 RJ45 Ports (Auto Uplink)			16
PoE — Power Over Ethernet 802.3af Ports		8	
PoE Plus (30W) 802.3at Ports			
Total PoE/PoE+ Power Budget		70 Watts	
Scalability — # MAC Addresses	8,000	8,000	8,000
MAC Address Aging (sec)			typical 300sec
Quality of Service — Number of Priority Queues	4	2	
Traffic Prioritization	Honors 802.1p Priority Tags	Honors 802.1p Priority Tags	
Multicast Filtering — IGMP Snooping Version			
Performance — Bandwidth	4.8 Gbps	3.2 Gbps	3.2 Gbps
Buffer Memory	256KB Per system	256 KB Per System	256KB Per System
Jumbo Frames	4.8 Gbps	Not Supported	9,216 bytes
Energy Efficiency — IEEE 802.3az	Supports	Supports	
Auto Port Power Down		Supports	Supports
Max Power Consumption	4 Watts	10.0 Watts (no PoE) 80.0 Watts (with PoE max)	9.5 Watts
Physical — Desktop/Rackmount/Click	R	D	D
Metal/Plastic Enclosure	M	M	M
MTBF at 25°C	2,940,540 Hours	546,673 Hours	554,582 Hours
Acoustic Noise	0dB	0dB	0dB
Fan	none	none	none
Width x Depth x Height	280 x 126 x 44 mm (11.0 x 5.0 x 1.7 in.)	286 x 102 x 27 mm (11.3 x 4 x 1.1 in.)	286 x 102 x 27 mm (11.2 x 4 x 1.1 in.)
Weight	0.54 kg (1.19 lb)	0.9 kg (1.98 lb)	0.9 kg (1.98 lbs)
Electromagnetic Compliance — Class (A or B)	A	A	A
Warranty Hardware	Lifetime	Lifetime	Lifetime
Warranty Power Supply	Lifetime	2 Year	2 Year
ProSUPPORT Maintenance PKGS	OnCall 3-year 24 x 7 PMB0331	PMB0331	

ProSAFE Switches

Unmanaged

MODEL	Unmanaged, L2, Gigabit GS105	GS108	JGS516	JGS524
Port Configuration — 10/100 RJ45 Ports (Auto Uplink)				
10/100/1000 RJ45 Ports (Auto Uplink)	5	8	16	24
Fiber Ports				
10Gig Module Bays				
PoE — Power Over Ethernet 802.3af Ports				
PoE Plus (30W) 802.3at Ports				
Total PoE Budget				
Scalability — # MAC Addresses	2,000	4,000	8,000	8,000
MAC Address Aging (sec)	typical 300sec		typical 300sec	typical 300sec
Quality of Service — Number of Priority Queues	4	4	4	4
Traffic Prioritization	Honors 802.1p priority tags	Honors 802.1p priority tags	Honors 802.1p priority tags	Honors 802.1p priority tags
Auto Voice VLAN				
Multicast Filtering — IGMP Snooping Version				
Performance — Bandwidth	10 Gbps	16 Gbps	256 KB Per System	256 KB Per System
Buffer Memory	9,216 bytes	9,720 bytes	9,216 bytes	9,216 bytes
Jumbo Frames	•	•	•	•
Energy Efficiency — IEEE 802.3az	Supports	Supports	Supports	Supports
Auto Port Power Down	•	•	•	•
Max Power Consumption	2.7 Watts	4.92 Watts	11.8 Watts	17.9 Watts
Physical — Desktop/Rackmount/Click	D	D	R	R
Metal/Plastic Enclosure	M	M	M	M
MTBF at 25°C	3,197,945 Hours	9,727,733 Hours	441,123 Hours	238,832 Hours
Acoustic Noise	0dB	8,000		
Fan	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.)	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	0.264 kg (0.58 lb)	0.52 kg (1.15 lb)	1.47 kg (3.57 lb)	1.65 kg (3.64 lb)
Electromagnetic Compliance — Class (A or B)	B	B	A	A
Warranty Hardware	Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply	2 Year	2 Year	Lifetime	Lifetime
ProSUPPORT Maintenance PKGS	OnCall 5-year 24 x 7 PMB0351 OnCall 3-year 24 x 7 PMB0331 OnCall 1-year 24 x 7 PMB0311	PMB0351 PMB0331 PMB0311	PMB0351 PMB0331 PMB0311	PMB0351 PMB0331 PMB0311

ProSAFE Switches

Web Managed

ProSAFE Web Managed, L2, Gigabit

MODEL		GS105EV2	GS105PE	GS108E	GS108PE	GS116Ev2
Port Configuration	10/100 RJ45 Ports (Auto Uplink)					
	10/100/1000 RJ45 Ports (Auto Uplink)	5	5	8	8	8
	1G/10GBASE-T RJ45 Ports (Auto Uplink)					
	Fiber Ports					
	10Gig Module Bays					
PoE	PoE (15.4W) 802.3af Ports		2		4(53W)	
	Total PoE/PoE+ Power Budget		PoE pass-thru: – With AT in: 19.0W – With AF in: 7.9W		45W	
Scalability	# MAC Addresses	8,000	8,000	4,000	4,000	16,000
	ARP Table – Size of					
System Management	Single IP Management					
	Web Managed/GUI	Starting v1.3.0.1	Starting v1.3.0.1	•	•	Starting v2.0.1.8
	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	802.1p, Port-based	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	v1, v2 and v3
Performance	Bandwidth	10 Gbps	10 Gbps	16 Gbps	16 Gbps	32 Gbps
	Buffer Memory	128 KB	128 KB	192 KB	192 KB	768 KB
	Jumbo Frames	9216	9216	9720	9720	9216
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	64	64	32	32	32
	Port Trunking/Link Aggregation (Manual Static LAGs)				•	
	Rate Limiting	•	•	•	•	•
	Broadcast Storm Control	•	•	•	•	•
Energy Efficiency	IEEE 802.3az	•	•	•	•	•
	Auto Port Power Down	•	•	•	•	•
	Max Power Consumption	2.6 Watts	1.95 Watts (no PoE) 21.95 Watts (with PoE max)	4.45 Watts	51.1 Watts	10.0 Watts
Physical	Desktop (D)/Wallmount (W)/Rackmount (R)	D / W	D / W	D / W	D / W	D / W
	Metal/Plastic Enclosure	M	M	M	M	M
	MTBF at 25°C	5,905,968 Hours	1,685,972 hours	2,525,259 Hours	1,242,394 Hours	504,993 Hours
	Acoustic Noise	0 dBA	0 dBA	0 dBA	0 dBA	0 dBA
	Fan					
	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 x 1.1 in)	158 x 101 x 29 mm (6.2 x 4 x 1.1 in)	286 x 101 x 26 mm (11.3 x 4 x 1 in)
	Weight	0.25 kg (0.55 lb)	0.47 kg (1.04 lb)	0.50 kg (1.10 lb)	0.54 kg (1.19 lb)	0.84 kg (1.85 lb)
Electromagnetic Compliance	Class (A or B)	B	B	B	A	A
Warranty Hardware		Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply		2 Year	2 Year	2 Year	2 Year	2 Year
Modules						
ProSUPPORT™ Maintenance PKGS	OnCall 3-year 24 x 7	PMB0331	PMB0331	PMB0331	PMB0331	PMB0331

ProSAFE Switches

Web Managed

ProSAFE Web Managed, L2, 10-Gigabit

MODEL		JGS516PE	JGS524Ev2	JGS524PE	XS708Ev2	XS716E
Port Configuration	10/100 RJ45 Ports (Auto Uplink)					
	10/100/1000 RJ45 Ports (Auto Uplink)	16	24	24		
	1G/10GBASE-T RJ45 Ports (Auto Uplink)				8	16
	Fiber Ports				1 Combo SFP+ (10G)	1 Combo SFP+ (10G)
	10Gig Module Bays				1	1
PoE	PoE (15.4W) 802.3af Ports	8(85W)		12(100W)		
	Total PoE/PoE+ Power Budget					
Scalability	# MAC Addresses	16,000	16,000	16,000	32,000	32,000
	ARP Table – Size of					
System Management	Single IP Management					
	Web Managed/GUI	Starting v2.0.1.8	•	•	•	•
	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
	Traffic Prioritization	802.1p, Port-based	802.1p, Port-based	802.1p, Port-based	802.1p, Port-Based	802.1p, Port-Based
	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	32 Gbps	48 Gbps	48 Gbps	160 Gbps	160 Gbps
	Buffer Memory	768 KB	768 KB	768 KB	16 MB	16 MB
	Jumbo Frames	9216	9216	9216	•	•
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	100	100	100	64	64
	Port Trunking/Link Aggregation (Manual Static LAGs)	Static LAG	Static LAG	Static LAG	Static LAG	Static LAG
	Discovery Protocol LLDP 802.1ab					
	Rate Limiting	•	•	•	•	•
	Broadcast Storm Control	•	•	•	•	•
Energy Efficiency	IEEE 802.3az	•	•	•		
	Auto Port Power Down	•	•	•		
	Dynamic Power Consumption	•	•	•		
	Max Power Consumption	25.0W (no PoE) 110.0W (with PoE max)	13.8 Watts	123 Watts	44 Watts	62 Watts
Physical	Desktop/Rackmount/Click	R	R	R	R	R
	Metal/Plastic Enclosure	M	M	M	M	M
	MTBF at 25°C	840,354 Hours	243,476 Hours	643,506 Hours	221,813 Hours	221,813 Hours
	Acoustic Noise	24.5 dBA		24.4 dBA	34.7dBA	34.7dBA
	Fan	1	None	1	2	2
	Width x Depth x Height	328 x 169 x 43 mm (12.9 x 6.65 x 1.7 in)	328 x 170 x 43 mm (12.9 x 6.9 x 1.7 in)	328 x 169 x 43 mm (12.9 x 6.65 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	1.67 kg (3.68 lb)	1.4 kg (3.09 lb)	1.84 kg (4.06 lb)	3.6 kg (6.5 lb)	3.6 kg (6.5 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					AGM731F/AGM732F; AXM761/ AXM762/AXM763	AGM731F/AGM732F; AXM761/ AXM762/AXM763
ProSUPPORT Maintenance PKGS	OnCall 5-year 24 x 7 OnCall 3-year 24 x 7 OnCall 1-year 24 x 7	PMB0351 PMB0331 PMB0311	PMB0351 PMB0331 PMB0311	PMB0351 PMB0331 PMB0311	PMB0351 PMB0331 PMB0311	PMB0351 PMB0331 PMB0311

ProSAFE Switches

Web Managed Click and Easy-Mount

Gigabit Ethernet, L2, Web Managed Click

Gigabit Ethernet, L2, Web Managed Easy-Mount

MODEL		GSS108E	GSS116E	GSS108EPP	GS408EPP
Port Configuration	10/100 RJ45 Ports (Auto Uplink)				
	10/100/1000 RJ45 Ports (Auto Uplink)	8	16	8	8
	1G/10GBASE-T RJ45 Ports (Auto Uplink)				
	Fiber Ports				
	10Gig Module Bays				
PoE	PoE+ (30W) 802.3at Ports			4-ports 47W	8-ports 124W
	Total PoE/PoE+ Power Budget				
Scalability	# MAC Addresses	8,000	8,000	4000	4000
	ARP Table – Size of				
System Management	Single IP Management				
	Web Managed/GUI	•	•	•	•
	DHCP (Client/Server)	DHCP Client	DHCP Client	DHCP Client	DHCP Client
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One	Many-to-One
Quality of Service	Number of Priority Queues	4	4	4	4
	Traffic Prioritization	802.1p, Port-based	802.1p, Port-based	802.1p, Port-based	802.1p, Port-based
	Auto Voice VLAN				
Multicast Filtering	IGMP Snooping Version	v1, v2 and v3	v1, v2 and v3	v1, v2 and v3	v1, v2 and v3
Performance	Bandwidth	16 Gbps	32 Gbps	16 Gbps	16 Gbps
	Buffer Memory	128 KB	512 KB	192 KB	192 KB
	Jumbo Frames	9216	9216	9216	9216
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	64	128	64	64
	Port Trunking/Link Aggregation (Manual Static LAGs)		Static LAG	Static LAG	Static LAG
	Rate Limiting	•	•	•	•
	Broadcast Storm Control	•	•	•	•
Energy Efficiency	IEEE 802.3az	•	•	•	•
	Auto Port Power Down	•	•	•	•
	Dynamic Power Consumption	•	•	•	•
	Max Power Consumption	4.2W (No USB Charging) 20.2W (USB Charging)	8.4 Watts	57.4W	148W
Physical	Desktop (D)/Wallmount (W)/ Rackmount (R)	D/W/Virtually Anywhere	D/W/Virtually Anywhere	D/W/Virtually Anywhere	D/W/Virtually Anywhere/Rackmount
	Metal/Plastic Enclosure	P	M	M	M
	MTBF at 25°C	1,031,177 Hours	721,497 Hours	1,494,913 hours	26.9dB Low acoustics
	Acoustic Noise	0	0	0	0
	Fan		None		
	Width x Depth x Height	305x 65x 35 mm (12.0 x 2.6 x 1.4 in)	407x70x35 mm (16.0 x 2.8 x 1.4 in)	305 x 65 x 35mm (12 x 2.6 x 1.4in)	380 x 100 x 43mm (15.0 x 3.9 x 1.7in)
	Weight	0.4 kg (0.88 lbs)	1.3 kg (2.87 lb)	3.20kg (7.07lb)	1.6kg (3.53lb)
Electromagnetic Compliance	Class (A or B)	B	B	B	A
Warranty Hardware		Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime	Lifetime	Lifetime
Modules					
ProSUPPORT Maintenance PKGS	OnCall 5-year 24 x 7 OnCall 3-year 24 x 7 OnCall 1-year 24 x 7	PMB0351 PMB0331 PMB0311	PMB0351 PMB0331 PMB0311		

ProSAFE Switches

Smart Managed

Smart Managed, 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	100 Watts	192 Watts
Stacking	Number of Dedicated Stacking Ports		
	Stacking Bandwidth		
	Stacking (maximum capacity)		
	Stacking Compatibility		
Scalability	# MAC Addresses	8,000	4,000
	# ACL Rules	128	128
	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	124 Watts	256 Watts
Physical	Desktop/Rackmount/Click	R	R
	Metal/Plastic Enclosure	M	M
	MTBF	755,725 Hours	237,497 Hours
	Acoustic Noise at 25°C	30.7 dBA	38.1 dBA
	Fan	•	•
	Width x Depth x Height	440 x 204 43 mm (17.3 x 8 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)	3.6 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 3-year 24 x 7	PMB0332	PMB0332

ProSAFE Switches

Smart Managed

Smart Managed, L2, Gigabit

	MODEL	GS108Tv2	GS110TPv2	GS510TP	GS716Tv3	GS516TP
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	8	8	8	16	16
	Fiber Ports		2 SFP		2 dedicated SFP	
PoE	Power Over Ethernet 802.3af Ports		8	8		8 POE and 2 PD
	PoE Plus (30W) 802.3at Ports					
	Total PoE Budget		46 Watts	130 Watts		76w with AC power, up to 22w with PD power
Scalability	# MAC Addresses	8,000	8,000	4,000	16,000	8,000
	ARP Table – Size of				512	1,024
	# Routing Entries				32	
	# ACL Rules	64	64	128	100	400
	Web Managed/GUI	•	•	•	•	•
	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	4	4	8	4
	Traffic Prioritization	802.1p, DSCP, Diffserv	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	v1, v2, v3
	IGMP Snooping Querier	•	•	•	•	•
Performance	Bandwidth	16 Gbps	16 Gbps	20 Gbps	32 Gbps	48 Gbps
	Buffer Memory	512 KB Per Unit	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	802.1d, .1w, .1s
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	64	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	MAC, IP
	SSL/SSH & HTTPS	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	12.78 Watts if powered by PoE via port 18.3 Watts (AC) 6 Watts (DC)	60 Watts	147 Watts	14.4 Watts	92.1 Watts
Physical	Desktop/Rackmount/Click	D	D	D	R	R
	Metal/Plastic Enclosure	M	M	M	M	M
	MTBF	275,533 Hours	157,004 Hours	458,124 Hours	726,612 hours	479,350 Hours
	Acoustic Noise at 25°C	0 dBA	0 dBA	<38 dBA	0 dBA	24.6 dBA
	Fan			•		•
	Width x Depth x Height	158 x 105 x 27 mm (6.22 x 4.13 x 1.06 in)	236 x 101.6 x 27 mm (9.3 x 4 x 1.06 in)	328 x 169 x 43 mm (9.3 x 4 x 1.06 in)	43 x 440 x 204 mm (1.7 x 17.3 x 8 in)	328 x 169 x 43 mm (12.9 x 6.65 x 1.7 in)
	Weight	0.56 kg (1.23 lb)	0.7Kg (1.54 lb)	1.68Kg (3.7 lb)	2.72 kg (5.99 lb)	2.21 kg (4.87lb)
Electromagnetic Compliance	Class (A or B)	A	B	A	A	A
Warranty Hardware		Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
Modules			AGM731F/732F	AGM731F/732F	AGM731F/732F	
ProSUPPORT Maintenance PKGS	OnCall 3-year 24 x 7	PMB0331	PMB0331	PMB0331	PMB0331	PMB0332

ProSAFE Switches

Smart Managed

Smart Managed, L2+ with static routing, Gigabit

	MODEL	GS724Tv4	GS748Tv5	GS728TP	GS728TPP	GS752TP
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	24	48	24	24	48
	Fiber Ports	2 dedicated SFP	2 dedicated and 2 combo SFP	4 dedicated SFP	4 dedicated SFP	4 dedicated SFP
PoE	Power Over Ethernet 802.3af Ports			24	24	48
	PoE Plus (30W) 802.3at Ports			8	24	8
	Total PoE Budget			192 Watts	384 Watts	384 Watts
Scalability	# MAC Addresses	16,000	16,000	8,000	8,000	8,000
	ARP Table – Size of	512	512	1,024	1,024	1,024
	# Routing Entries	32	32	32	32	32
	# ACL Rules	100	100	400	400	400
	Web Managed/GUI	•	•	•	•	•
	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	4
	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	104 Gbps
	Buffer Memory	2 MB Per System	2 MB Per System	8 MB Per System	8 MB Per System	8 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	MAC, IP
	SSL/SSH & HTTPS	SSL/HTTPS	SSL/HTTPS	HTTPS	HTTPS	HTTPS
	Guest VLAN	•	•	•	•	•
	DHCP Snooping/IP Source Guard/ARP Guard	•	•	DHCP Snooping Only	DHCP Snooping Only	DHCP Snooping Only
	TACACS+	•	•	•	•	•
Energy Efficiency	IEEE 802.3az	•	•			
	Auto Port Power Down	•	•	•	•	•
	Dynamic Power Consumption	•	•	•	•	•
	Max Power Consumption	17.4 Watts	41.1 Watts	264 Watts	483.5 Watts	512.8 Watts
Physical	Desktop/Rackmount/Click	R	R	R	R	R
	Metal/Plastic Enclosure	M	M	M	M	M
	MTBF	567,680 hours	390,728 Hours	345,901 Hours	247,163 Hours	220,447 Hours
	Acoustic Noise at 25°C	0 dBA	37.2 dBA	31.8 dBA	31.8 dBA	44.9 dBA
	Fan		•	•	•	•
	Width x Depth x Height	43 x 440 x 204 mm (1.7 x 17.3 x 8 in)	440 x 257 x 43 mm (1.7 x 17.3 x 10.1 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 316 x 43 mm (17.3 x 15.2 x 1.7 in)
	Weight	2.87 kg (6.33 lb)	3.46 kg/7.63 lb	3.7 kg (8.1 lb)	4.4 kg (8.1 lb)	5.1 kg (14.5 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		AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F
ProSUPPORT Maintenance PKGS	OnCall 3-year 24 x 7	PMB0331	PMB0331	PMB0332	PMB0332	PMB0332

ProSAFE Switches

Smart Managed

Smart Managed, 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		384 Watts		
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	S3300 series
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	•	•	•	•
	TACACS+	•	•	•	•
Energy Efficiency	IEEE 802.3az			•	•
	Auto Port Power Down	•	•	•	•
	Dynamic Power Consumption	•	•	•	•
	Max Power Consumption	77 Watts	527 Watts	28.18 Watts	748.18 Watts
Physical	Desktop/Rackmount/Click	R	R	R	R
	Metal/Plastic Enclosure	M	M	M	M
	MTBF	303,219 Hours	206,539 Hours	278,559 hours	147,965 hours
	Acoustic Noise at 25°C	34.8 dBA	42.7 dBA	40 dBA	39 dBA
	Fan	•	•	•	•
	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 (17.32 x 10.13 x 1.7 in)	440 x 257 x 43 mm (17.32 x 10.13 x 1.7 in)
	Weight	4.31 kg (11.38 lb)	5.48 kg (16.02 lb)	3.55 kg (7.8 lb)	3.67 kg (8.1 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	AGM731F/AGM732F; AXM761/AXM762/AXM763/ AXM764 /AXC761/AXC763; RPS4000 (RPS only)
ProSUPPORT Maintenance PKGS	OnCall 3-year 24 x 7	PMB0331	PMB0332	PMB0332	PMB0332

ProSAFE Switches

Smart Managed

Smart Managed, L2+ with static routing, Gigabit

MODEL		S3300-28X-POE+ (GS728TXP)	S3300-52X-POE+ (GS752TXP)	GS752TXS
Port Configuration	10/100/1000 RJ45 Ports (Auto Uplink)	24 / 2 10GBase-T	24 / 2 10GBase-T	48
	Fiber Ports	2 SFP+ (10G)	2 SFP+ (10G)	4 SFP+ (10G)
PoE	Power Over Ethernet 802.3af Ports	24	48	
	PoE Plus (30W) 802.3at Ports	24	48	
	Total PoE Budget	195 Watts / up to 740W with RPS	390 Watts / 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	S3300 series	GS7xxTXS
Scalability	# MAC Addresses	16,000	16,000	16,000
	ARP Table – Size of	512	1512	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	•	•	•
	TACACS+	•	•	•
Energy Efficiency	IEEE 802.3az	•	•	•
	Auto Port Power Down	•	•	•
	Dynamic Power Consumption	•	•	•
	Max Power Consumption	44.12 Watts	1484.12 Watts	77 Watts
Physical	Desktop/Rackmount/Click	R	R	R
	Metal/Plastic Enclosure	M	M	M
	MTBF	147,965 hours	216,809 hours	256,119 Hours
	Acoustic Noise at 25°C	36.8 dBA	40 dBA	34.8 dBA
	Fan	•	•	•
	Width x Depth x Height	440 x 257 x 43 mm (17.32 x 10.13 x 1.7 in)	440 x 257 x 43 mm (17.32 x 10.13 x 1.7 in)	440 x 257 x 43 mm (17.32 x 10.13 x 1.7 in)
	Weight	3.77 kg (8.3 lb)	3.55 kg (7.8 lb)	4.5 kg (10 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/AXC761/AXC763	AGM731F/AGM732F; AXM761/AXM762/ AXM763/AXM764/AXC761/AXC763; RPS4000 (RPS only)	AGM731F/AGM732F; AXM761/AXM762/ AXM763/AXM764/AXC761/AXC763
ProSUPPORT Maintenance PKGS	OnCall 3-year 24 x 7	PMB0332	PMB0332	PMB0334

ProSAFE Switches

Smart Managed

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

MODEL		XS708T	XS716T	XS728T
Port Configuration	10/100 RJ45 Ports (Auto Uplink)			
	10/100/1000 RJ45 Ports (Auto Uplink)	8 10GBase-T	16 10GBase-T	24 10GBase-T
	Fiber Ports	2 Combo SFP+ (10G)	2 Combo SFP+ (10G)	4 SFP+ (10G)
PoE	Power Over Ethernet 802.3af Ports			
	PoE Plus (30W) 802.3at Ports			
	Total PoE Budget			
Scalability	# MAC Addresses	16,000	16,000	32,000
	ARP Table – Size of	738	738	1,024
	# Routing Entries	32	32	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	160Gbps	320Gbps	560Gbps
	Buffer Memory	2MB Per System	2MB Per System	3MB Per System
	Jumbo Frames	9K	9K	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	256	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	•	•	•
	TACACS+	•	•	•
	Auto Port Power Down			•
	Dynamic Power Consumption	•	•	•
	Max Power Consumption	49.5W	96.0W	134.9W
Physical	Desktop/Rackmount/Click	R	R	R
	Metal/Plastic Enclosure	M	M	M
	MTBF	276,197 Hours	276,832 Hours	514,977 Hours
	Acoustic Noise at 25°C	27.4 dBA	29.1 dBA	41.6 dBA
	Fan	•	•	•
	Width x Depth x Height	440 x 204 x 43 mm (17.32 x 8 03 x 1.7 in)	440 x 204 x 43 mm (17.32 x 8 03 x 1.7 in)	440 x 310 x 43 mm (17.32 x 12.2 x 1.7 in)
	Weight	2.61 kg (5.76 lb)	2.98 kg (6.57 lb)	5.04 kg (11.11 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/AXC761/AXC763	AGM731F/AGM732F; AXM761/AXM762/AXM763/AXM764/AXC761/AXC763	AGM731F/AGM732F; AXM761/AXM762/AXM764/AXC761/AXC763
ProSUPPORT Maintenance PKGS	OnCall 3-year 24 x 7	PMB0331	PMB0332	PMB0333

ProSAFE Switches

Fully Managed

MODEL		XS748T	M4100-50-POE (FSM7250P)	M4100-D12G (GSM5212)
		Smart Managed, L2+ with static routing, 10-Gigabit	Fully Managed, M4100 series (L2+ with static routing), 10/100 Fast Ethernet	Fully Managed, M4100 series (L2+ with static routing), Gigabit
Port Configuration	10/100 RJ45 Ports (Auto Uplink)		48	
	10/100/1000 RJ45 Ports (Auto Uplink)	44 10GBase-T	2	10
	Fiber Ports	4 SFP+ (10G)	2 SFP	4 SFP
PoE	Power Over Ethernet 802.3af Ports		48	
	PoE Plus (30W) 802.3at Ports			1 (PD: powered by PoE+)
	Total PoE Budget		380W standard / up to 740W with EPS	
Scalability	# MAC Addresses	32,000	16,000	16,000
	ARP Table – Size of	1,024	512	512
	# Routing Entries	64	64	64
	# ACL Rules	100	512	512
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/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	960Gbps	9Gbps	24Gbps
	Buffer Memory	3MB Per System	12Mb	12Mb
	Jumbo Frames	10K	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 / EPS	When powered by PoE+
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	512	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	MAC, IP, TCP
	SSL/SSH & HTTPS	HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	•	•	•
	DHCP Snooping	•	•	•
	TACACS+	•	•	•
	Auto Port Power Down	•	•	•
	Dynamic Power Consumption	•	•	•
	Max Power Consumption	262.8W	486.64W	18.80W
Physical	Desktop/Rackmount/Click	R	R	D
	Metal/Plastic Enclosure	M	M	M
	MTBF	483,808 Hours	163,019 Hours	214,142 Hours
	Acoustic Noise at 25°C	47.8 dBA	38.9 dbA	0 dbA
	Fan	•	•	
	Width x Depth x Height	440 x 347 x 43 mm (17.32 x 13.7 x 1.7 in)	440 x 310 x 43.2 mm (17.32 x 12.20 x 1.7 in)	328 x 169 x 43.2 mm (12.91 x 6.65 x 1.7 in)
	Weight	6.25 kg (13.78 lb)	4.96 kg (10.9 lb)	1.33 kg (2.9 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/AXM764 /AXC761/AXC763	AFM735/ AGM731F/AGM732F, RPS4000 (RPS/EPS x4 switches)	AFM735/ AGM731F/AGM732F
ProSUPPORT Maintenance PKGS	OnCall 3-year 24 x 7	PMB0334	PMB0332	PMB0332

ProSAFE Switches

Fully Managed

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

MODEL		M4100-12GF (GSM7212F)	M4100-26G (GSM7224)	M4100-50G (GSM7248)	M4100-26G-POE (GSM7226LP)
Port Configuration	10/100 RJ45 Ports (Auto Uplink)				
	10/100/1000 RJ45 Ports (Auto Uplink)	12	26	50	26
	Fiber Ports	12 SFP	4 SFP	4 SFP	4 SFP
PoE	Power Over Ethernet 802.3af Ports	4			24
	PoE Plus (30W) 802.3at Ports	4			
	Total PoE Budget	150W standard			192W standard / up to 380W with EPS
Scalability	# MAC Addresses	16,000	16,000	16,000	16,000
	ARP Table – Size of	512	512	512	512
	# Routing Entries	64	64	64	64
	# ACL Rules	512	512	512	512
	Web Managed/GUI	•	•	•	•
	Command Line Interface/RS232 Console/Telnet	•	•	•	•
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
	RMON Group	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay	Client/Server/L3 Relay	Client/Server/L3 Relay	Client/Server/L3 Relay
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One	Many-to-One
	IPv6 full set	•	•	•	•
Quality of Service	Number of Priority Queues	8	8	8	8
	Traffic Prioritization	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP
	Auto Voice VLAN	•	•	•	•
Multicast Filtering	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	•	•	•	•
Performance	Bandwidth	24Gbps	52Gbps	100Gbps	52Gbps
	Buffer Memory	12Mb	12Mb	12Mb	12Mb
	Jumbo Frames	9K	9K	9K	9K
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
	RPS Redundant Power Supply	RPS	RPS	RPS	RPS / EPS
Traffic Management	Number of 802.1q VLAN/Number of VLAN Group	1,024/1,024	1,024/1,024	1,024/1,024	1,024/1,024
	Link Agregation 802.3ad/LACP	•	•	•	•
	Discovery Protocol LLDP 802.1ab	•	•	•	•
	Rate Limiting	•	•	•	•
	Broadcast Storm Control	•	•	•	•
L3 Routing	IPv4 Static Routing	•	•	•	•
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP				
Security	IEEE 802.1x (RADIUS)	•	•	•	•
	ACL – Access Control Lists	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	•	•	•	•
	DHCP Snooping/IP Source Guard/ARP Guard	•	•	•	•
	TACACS+	•	•	•	•
Energy Efficiency	IEEE 802.3az				
	Auto Port Power Down	•	•	•	•
	Dynamic Power Consumption	•	•	•	•
	Power Consumption	160,6 Watts	31.6 Watts	49.5 Watts	272.90 Watts
Physical	Desktop/Rackmount/Click	R	R	R	R
	Metal/Plastic Enclosure	M	M	M	M
	MTBF	670,956 hours	702,785 hours	489,311 hours	437,199 hours
	Acoustic Noise at 25°C	30dB	35.6dB	37.2dB	36.6dBA
	Fan	•	•	•	•
	Width x Depth x Height	440 x 257 x 43.2 mm (17.3 x 10.12 x 1.7 in)	440 x 257 x 43.2 mm (17.3 x 10.12 x 1.7 in)	440 x 257 x 43.2 mm (17.3 x 10.12 x 1.7 in)	440 x 257 x 43.2 mm (17.3 x 10.12 x 1.7 in)
	Weight	3.665 kg (8.08 lb)	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	A
Warranty Hardware		Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime	Lifetime	Lifetime
Modules		AFM735/ AGM731F/ AGM732F, RPS4000 (RPS x4 switches)	AFM735/ AGM731F/ AGM732F, RPS4000 RPS x4 switches)	AFM735/ AGM731F/ AGM732F, RPS4000 (RPS x4 switches)	AFM735/ AGM731F/ AGM732F, RPS4000 (RPS/EPS x4 switches)
ProSUPPORT Maintenance PKGS	OnCall 3-year 24 x 7	PMB0332	PMB0332	PMB0332	PMB0332

ProSAFE Switches

Fully Managed

		Fully Managed, M4100 series (L2+ with static routing), Gigabit		**Fully Managed, M4200 series (L3 with RIP), Multi-Gigabit**

MODEL		M4100-24G-POE+ (GSM7224P)	M4100-50G-POE+ (GSM7248P)	M4200-10MG-POE+ (GSM4210P)
Port Configuration	10/100 RJ45 Ports (Auto Uplink)			
	10/100/1000 RJ45 Ports (Auto Uplink)	24	50	8 2.5GBase-T
	Fiber Ports	4 SFP	4 SFP	2 SFP+ (10G)
PoE	Power Over Ethernet 802.3af Ports	24	48	8
	PoE Plus (30W) 802.3at Ports	24	48	8
	Total PoE Budget	380W standard / up to 720W with EPS	380W standard / up to 1,440W with EPS	240W
Scalability	# MAC Addresses	16,000	16,000	16,000
	ARP Table – Size of	512	512	1024
	# Routing Entries	64	64	32
	# ACL Rules	512	512	16,384 (ingress, egress)
	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	48Gbps	100Gbps	90Gbps
	Buffer Memory	12Mb	12Mb	16Mb
	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	533 Watts	555.5 Watts	281,6 Watts
Physical	Desktop/Rackmount/Click	R	R	R / Easy Mount
	Metal/Plastic Enclosure	M	M	M
	MTBF	394,619 hours	239,298 hours	753,324 hours
	Acoustic Noise at 25°C	33.8 dBA	47.7 dBA	28.9 dBA
	Fan	•	•	•
	Width x Depth x Height	440 x 257 x 43.2 mm (17.3 x 10.12 x 1.7 in)	440 x 310 x 43.2 mm (17.32 x 12.20 x 1.7 in)	440 x 100 x 44 mm (17.32 x 3.94 x 1.73 in)
	Weight	4.368 kg (9.63 lb)	4.96 kg (10.9lb)	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/AXC763 AXM761/AXM762/AXM763/AXM764;
ProSUPPORT Maintenance PKGS	OnCall 3-year 24 x 7	PMB0332	PMB0332	PMB0332

ProSAFE Switches

Fully Managed

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

MODEL		M4300-28G (GSM4328S)	M4300-52G (GSM4352S)	M4300-28G-POE+ (GSM4328PA OR GSM4328PB)	M4300-52G-POE+ (GSM4352PA OR GSM4352PB)
	10/100/1000 RJ45 Ports (Auto Uplink)	24 / 2 10GBase-T	48 / 2 10GBase-T	48 / 2 10GBase-T	48 / 2 10GBase-T
	Fiber Ports	2 SFP+ (10G)	2 SFP+ (10G)	2 SFP+ (10G)	2 SFP+ (10G)
	10Gig Module Bays				
PoE	Power Over Ethernet 802.3af Ports			24	48
	PoE Plus (30W) 802.3at Ports			24	48
	Total PoE Budget			480W (PA)/630W (PB) Up to 720W with second PSU	480W (PA) or 591W (PB) Up to 1,440W with second PSU
Stacking	Number of Dedicated Stacking Ports	Up to 4 10G ports	Up to 4 10G ports	Up to 4 10G ports	Up to 4 10G ports
	Stacking Bandwidth	80Gbps	80Gbps	80Gbps	80Gbps
	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	16,000
	ARP Table – Size of	2,048	2,048	2,048	2,048
	# 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	128Gbps	176Gbps	128Gbps	176Gbps
	Buffer Memory	16Mb	16Mb	16Mb	16Mb
	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 APS150W	Second optional APS150W	Second optional APS550W (PA) Second optional APS1000W (PB)	Second optional APS550W (PA) Second optional APS1000W (PB)
	Modular Power Supply	APS150W	APS150W	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	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	34.5 Watts	47.4 Watts	577W (PA 1 PSU) 833.2W (PB 1 PSU)	609W (PA 1 PSU) 888W (PB 1 PSU)
Physical	Desktop/Rackmount/Click	R	R	R	R
	Metal/Plastic Enclosure	M	M	M	M
	MTBF	1,328,968 hours	578,472 hours	1,189,685 hours	673,207 hours
	Acoustic Noise at 25°C	30.3dBA	31.5dBA	39.8dBA	39.8dBA
	Fan	Front to back	Front to back	Front to back	Front to back
	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)	440 x 310 x 44 mm (17.32 x 12.2 x 1.73 in)	440 x 310 x 44 mm (17.32 x 15.28 x 1.73 in)
	Weight	4.51kg (9.94lb)	4.91kg (10.81lb)	5.09kg (11.21lb)	6.55kg (14.44lb)
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/AXC763, AXM761/ AXM762/AXM763/AXM764	AGM731F/AGM732F; AXC761/AXC763, AXM761/ AXM762/AXM763/AXM764	AGM731F/AGM732F; AXC761/ AXC763, AXM761/AXM762/ AXM763/AXM764	AGM731F/AGM732F; AXC761/AXC763 AXM761/ AXM762/AXM763/AXM764
ProSUPPORT Maintenance PKGS	OnCall 24 x 7/XPRESSHW	PMB0333	PMB0333	PMB0333	PMB0333

ProSAFE Switches

Fully Managed

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

MODEL		M4300-8X8F (XSM4316S)	M4300-12X12F (XSM4324S)	M4300-24X (XSM4324CS)	M4300-24X24F (XSM4348S)
	10/100/1000 RJ45 Ports (Auto Uplink)	8 10GBase-T	12 10GBase-T	24 10GBase-T	24 10GBase-T
	Fiber Ports	8 SFP+ (10G)	12 SFP+ (10G)	4 combo SFP+ (10G)	24 SFP+ (10G)
	10Gig Module Bays				
PoE	Power Over Ethernet 802.3af Ports				
	PoE Plus (30W) 802.3at Ports				
	Total PoE Budget				
Stacking	Number of Dedicated Stacking Ports	Up to 16 10G ports	Up to 16 10G ports	Up to 16 10G ports	Up to 16 10G ports
	Stacking Bandwidth	320Gbps	320Gbps	320Gbps	320Gbps
	Stacking (maximum capacity)	8 switches	8 switches	8 switches	8 switches
	Stacking Compatibility	M4300 series	M4300 series	M4300 series	M4300 series
Scalability	# MAC Addresses	16,000	16,000	16,000	128,000
	ARP Table – Size of	2,048	2,048	2,048	8,192
	# Routing Entries	12,000	12,000	12,000	12,000
	# ACL Rules	16,384 (ingress, egress)	16,384 (ingress, egress)	16,384 (ingress, egress)	16,384 (ingress, egress)
System Management	Single IP Management	•	•	•	•
	Web Managed/GUI	•	•	•	•
	Command Line Interface/RS232 Console/Telnet	•	•	•	•
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
	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	320Gbps	480Gbps	480Gbps	960Gbps
	Buffer Memory	16Mb	32Mb	32Mb	56Mb
	Jumbo Frames	9K	9K	9K	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
	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	49 Watts	97 Watts	125 Watts	161 Watts
Physical	Desktop/Rackmount/Click	R	R	R	R
	Metal/Plastic Enclosure	M	M	M	M
	MTBF	196,120 hours	192,898 hours	247,437 hours	133,176 hours
	Acoustic Noise at 25°C	36.9dBA	36.9dBA	37dBA	35.8dBA
	Fan	Front to back	Front to back	Front to back	Front to back
	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 (7.31lb)	3.69kg (8.14lb)	4.14kg (9.12lb)	6.12kg (13.48lb)
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/ AXC763/AXM761/AXM762/ AXM763/AXM764	AGM731F/AGM732F; AXC761/ AXC763/AXM761/AXM762/ AXM763/AXM764	AGM731F/AGM732F; AXC761/ AXC763/AXM761/AXM762/ AXM763/AXM764	AGM731F/AGM732F; AXC761/ AXC763/AXM761/AXM762/ AXM763/AXM764
ProSUPPORT Maintenance PKGS	OnCall 24 x 7/XPRESSHW	PMB0334	PMB0334	PMB0334	PMB0334

ProSAFE Switches

Fully Managed

		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)	M5300-28GF3 (GSM7328FS)	M6100 SERIES (XCM8900)
	10/100/1000 RJ45 Ports (Auto Uplink)	48 10GBase-T	4 / 2 10GBase-T	Up to 144 / 72 10GBase-T
	Fiber Ports	4 combo SFP+ (10G)	24 SFP / 2 SFP+ (10G)	Up to 120 SFP / 48 SFP+
	10Gig Module Bays			2 I/O 10G bays
PoE	Power Over Ethernet 802.3af Ports			Up to 144
	PoE Plus (30W) 802.3at Ports			Up to 144, including UPOE 60W
	Total PoE Budget			Up to 6,000W
Stacking	Number of Dedicated Stacking Ports		2 or 4	3-slot Chassis
	Stacking Bandwidth	320 Gbps	48Gbps AX742 I/O bays	Management and Fabric Redundancy
	Stacking (maximum capacity)	8 switches	8 switches, 384 ports	Hitless Failover
	Stacking Compatibility	M4300 series	M5300, GSM72xxPS, GSM73xxSv2	Distributed Fabric
Scalability	# MAC Addresses	128,000	32,000	32,000
	ARP Table – Size of	8,192	6,144	8K
	# Routing Entries	12,000	12,000	12,000
	# ACL Rules	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
	RMON Group	1, 2, 3, 9	1, 2, 3, 9	1, 2, 3, 9
	DHCP (Client/Server/Relay)	Client/Server/L3 Relay	Client/Server/L3 Relay	Client/Server/L3 Relay
	Port Mirroring	Many-to-One; RSPAN	Many-to-One; RSPAN	Many-to-One; RSPAN
	IPv6 full set	•	•	•
Quality of Service	Number of Priority Queues	8	8	7
	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	960Gbps	144Gbps	480Gbps inter-module
	Buffer Memory	56Mb	16Mb	32Mb (1G); 72Mb (10G)
	Jumbo Frames	12K	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
	RPS Redundant Power Supply	Second optional APS250W	RPS	N+1 PSU
	Modular Power Supply	APS250W	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	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
	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	237.2 Watts	55 Watts	See online configurator
Physical	Desktop/Rackmount/Click	R	R	R
	Metal/Plastic Enclosure	M	M	M
	MTBF	249,393 hours	539,481 hours	387 Years (Base Chassis)
	Acoustic Noise at 25°C	40.3 dBA	35.6 dBA	53 dBA
	Fan	Front to back	•	Front to back
	Width x Depth x Height	440 x 345 x 44 mm (17.32 x 13.58 x 1.73 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)	5.4 kg (11.91 lb)	Up to 31.6 kg (69.67lb)
Electromagnetic Compliance	Class (A or B)	A	A	A
Warranty Hardware		Lifetime	Lifetime	Lifetime
Warranty Power Supply		Lifetime	Lifetime	Lifetime
Modules		AGM731F/AGM732F; AXC761/AXC763/AXM761/AXM762/AXM763/AXM764	AFM735, AGM731F/AGM732F AX742, AX743/AX744/AX745; AXM761/AXM762/AXM763/AXM764; RPS4000 (RPS x4 switches)	XCM8948/XCM8944/XCM8944F/XCM8924X/XCM8P/XCM89UP;RPS4000v2;AGM731F/AGM732F/AGM734; AXM761/AXM762/AXM763; AXC761/AXC763/AXC753; APS1000W; AFT603
ProSUPPORT Maintenance PKGS	OnCall 24 x 7/XPRESSHW	PMB0334	PMB0333	PMB0334

M6100 CHASSIS SWITCH SERIES

Designed for use at the center of a small to mid-sized organization, or as an access solution in a larger campus network, the ProSAFE M6100 switch series is a high-quality, high-density chassis alternative to stackable switches. Offering the densest Gigabit and 10-Gigabit port count in a 4U footprint, the M6100 is a fully distributed fabric, passive backplane solution with management and power redundancy—as standard.

ProSAFE M6100 series key features:

- Proficient access layer in campus LAN networks, and competent distribution or core layer for midsize organizations networks

- Advanced Layer 2, Layer 3 and Layer 4 feature set - no license required - including PBR, BGP, DCBX, PFC, ETS and FCoE FIP

- 1.4 Tbps switching and routing capacity, passive backplane, management and fabric nonstop forwarding redundancy

- Up to 144 (Gigabit) ports, or 72 (10-Gigabit) ports, or a combination of both in dense form factor models

- PoE+ (30 watts per port) and UPoE (60 watts per port) modular, flexible implementation

- Ultra-low latency and scalable table size with 32K MAC, 8K ARP/NDP, 4K VLANs, 12K routes

ProSAFE M6100 series warranty and support:

- NETGEAR ProSAFE Lifetime Hardware Warranty

- Included Lifetime Online Technical Support

- Included Lifetime Next Business Day Hardware Replacement

M6100-3S

MODEL	Form Factor	Front		Size	
		I/O Slots	PSU Bay	Height	Depth
M6100-3S (XCM8903)	Chassis	3 Open line-card slots	4 Power supply slots (N+1)	4U height 7 in (17.78 cm)	17.39 in (44.16 cm)

MODEL	Form Factor	Line-Cards			
		10/100/1000 BASE-T RJ45 ports	100/1000X Fiber SFP ports	100/1000/10 GBASE-T RJ45 ports	1000/10 GBase-X Fiber SFP+ports
XCM8948	I/O Blade	48	–	–	
XCM8944	I/O Blade	40	–	2	2 (independent)
XCM8944F	I/O Blade	–	40	2	2 (independent)
XCM8924X	I/O Blade	–	–	24	16 (shared with 10 GBASE-T)

MODEL	Form Factor	Accessories
		Notes
XCM89P	Daughter Card	Add PoE+ 802.3at functionality to XCM8948 and XCM8944 blades
XCM89UP	Daughter Card	Add UPoE functionality to XCM8944 and XCM8948 blades
APS1000W	Power Supply	PSU 1,000W AC
AFT603	Fan Tray	Fan Tray for M6100-3S chassis (front-to-back cooling principle)
RPS4000v2	External PSU Bay	Additional 1U power shelf (RPS/EPS unit with four open power supply slots)

Modules and Accessories for Switches

For use with ProSAFE 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 (1000Mbps Full Duplex only)	50µm/62.5µm OM1/OM2/OM3/OM4 multimode (2km)
Switch Compatibility	Web Managed (Plus), Smart Managed, Fully Managed Switches	Web Managed (Plus), Smart Managed, Fully Managed Switches	Smart Managed, Fully Managed Switches	Select Smart Managed, Fully Managed Switches
Warranty	5 Year	5 Year	5 Year	5 Year

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	9µm single mode (10km)
Switch Compatibility	M5300 series (rear bays)	M5300 series (rear bays)	M5300 series (rear bays)	Select Web Managed (Plus), Smart Managed, Fully Managed Switches	Select Web Managed (Plus), Smart Managed, Fully Managed Switches
Warranty	5 Year	5 Year	5 Year	5 Year	5 Year

Modules and Accessories for Switches

For use with ProSAFE managed switches

10-Gigabit Copper and Fiber Modules

MODEL	AXM763	AXM764	AXC761	AXC763
Product Description	SFP+ Transceiver 10GBASE-LRM	SFP+ Transceiver 10GBASE-LR Lite	SFP+ DAC Cable 1m	SFP+ DAC Cable 3m
Distance	Up to 260m	Up to 2km	1m	3m
Cabling Type	10GBASE-LRM Long Reach Multimode	10GBASE-LR "Lite"	Direct Attach 10GSFP + copper	Direct Attach 10GSFP + copper
Connector	LC duplex	LC duplex	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+)
Form Factor	Plug-in SFP+	Plug-in SFP+	SFP+ Cable	SFP+ Cable
Data Transfer Rate	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)	NA	NA
Switch Compatibility	Select Web Managed (Plus), Smart Managed, Fully Managed Switches	Select Web Managed (Plus), Smart Managed, Fully Managed Switches	Select Web Managed (Plus), Smart Managed, Fully Managed Switches	Select Web Managed (Plus), Smart Managed, Fully Managed Switches
Warranty	5 Year	5 Year	5 Year	5 Year

Modular Power Supply

MODEL	APS135W	APS150W	APS250W	APS550W
Product Description	ProSAFE Auxiliary Power Supply	ProSAFE Auxiliary Power Supply	ProSAFE Auxiliary Power Supply	ProSAFE Auxiliary Power Supply
Hot-Swappable	When used with an RPS	When 2 PSUs	When used with an RPS	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	APS1000W	RPS4000v2
Product Description	Power Module for RPS4000 and M6100	Redundant/External Power Supply (RPS/EPS for up to 4 switches)
Hot-Swappable	Yes	Yes
Switch Compatibility	RPS4000v2, M4300 series (PoE PB models), M6100	S3300 (PoE), M4100, M4300 (48p PoE models), M5300, M6100
Warranty	5 Year	5 Year

SMART WIRELESS FOR SMART COMPANIES

Modern business such as cafes, retail, clinics, hotels and more can now benefit from smart wireless and networking that bring innovative, future—ready capabilities.

The Freedom of wireless at the speed of Ethernet

Faster devices, more apps, increased user connections, online collaboration and always-on WiFi are the norm today.

Small and Medium Businesses are therefore struggling with an increasing number of simultaneous users, BYOD (Bring Your Own Device) or video conferencing clogging their wireless networks and simply the need to get their data faster through wireless and with no interference.

Unlock the power of wireless AC

Make a leap forward to the ultimate user experience with the latest wireless 802.11ac technology. Wireless AC brings the freedom of wireless at the speed of wired Gigabit Ethernet!

- Improved coverage
- Higher density
- Increased security
- Easy installation
- Centralized quad management or NETGEAR Insight app management (available on select devices)
- Compatible with 802.11n

WIRELESS

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

MODEL	WAC104	WAC510	WAC720	WAC730	WAC740
Description	Dual Band 802.11ac Access Point	AC WiFi Business AP with NETGEAR® Insight app for easy management	ProSAFE Wireless-AC Dual Band Business AP	ProSAFE Wireless-AC Dual Band Premium AP	ProSAFE Wireless-AC Dual Band Wave 2 AP
Typical Deployment	High performance small and home office	Small to Mid-size customers for ease of deployment	Medium enterprise, high schools with advanced Wi-Fi, hotel, mid-size hospital	Medium enterprise, high schools with advanced Wi-Fi, hotel, mid-size hospital	Mid to Large enterprise, higher education with advanced Wi-Fi, hotel, hospital
WiFi Standard	802.11ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac
Antennas/max throughput	2x2/1.2 Gbps	2x2/1.2 Gbps	2x2/1.2 Gbps	3x3/1.7 Gbps	4x4/2.4 Gbps
Management	Standalone	Standalone Insight app	Standalone Ensemble Business Central Controller	Standalone Ensemble Business Central Controller	Controller

SIMPLY CHOOSE THE BEST WAY TO MANAGE YOUR WIRELESS NETWORK
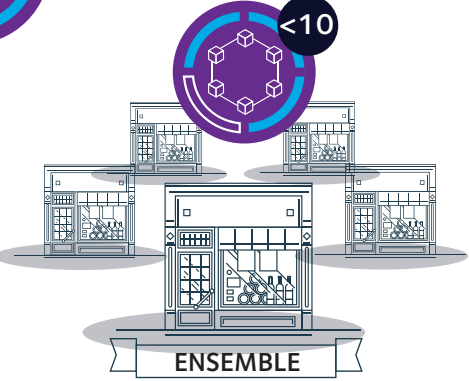
When selecting a wireless solution, ease of setup and ease of use are often cited by end users as two key primary requirements. WAC720 and WAC730 802.11ac access points have been designed with this in mind. You have the option to select the best management mode to suit your needs.

As your organization grows, so does your wireless management needs. 'Quad-mode' is a unique capability that allows one of four management modes to be selected for select 802.11ac ProSAFE® access points. As needs change, you can adapt to the management platform that best suits your requirements.

QUAD MODE

STAND ALONE <2

ENSEMBLE <10

CONTROLLER <600

BUSINESS CENTRAL +600

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

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

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

Cloud mode support using Business Central™ Wireless Manager to manage WiFi networks across multiple borders, cities, buildings and floors, securely through the cloud.

ProSAFE Wireless Controllers

MODEL	Business Central	WC9500	WC7600v2	WC7500
	Business Central™ Wireless Cloud Manager	ProSAFE Premium Wireless Controller	ProSAFE Wireless Controller	ProSAFE Wireless Controller
Product Description	Business Central Wireless Cloud Manager	ProSAFE WC9500 Wireless Controller	ProSAFE WC7600 Wireless Controller	ProSAFE WC7520 Wireless Controller
Typical Deployment	Multi-sites, distributed branches, coffee shops, retail stores, small offices, managed by Managed Service Providers	Mid to large enterprise with premium Wi-Fi, colleges/universities, hotels, mid-sized healthcare	Medium enterprise with high throughput and high density Wi-Fi, K-12, hotels/motels, small hospitals	Medium enterprise with advanced Wi-Fi, K-12, small hotels/motels, small hospitals
HARDWARE				
# of Ethernet Ports	N/A	3	4	4
Speed of Ethernet Ports	N/A	2 x 1/10 Gbps 1 x 10/10/100/1000Mbps	4 x 10/100/1000 Mbps	4 x 10/100/1000 Mbps
Physical Size	N/A	440 x 430 x 43 mm	261 x 430 x 44 mm	261 x 430 x 44 mm
SUPPORTED AP				
WND930	Future	•	•	•
WAC740	Future	•	•	•
WAC730	•	•	•	•
WAC720	•	•	•	•
11n access points (WNDAP660, 360, 350, 320, 210)	•	•	•	•
WN370	Future	•	•	•
CAPACITY				
# of managed AP	Unlimited	200	50	15
Stacking	N/A	•	•	
# of units per stack	N/A	3	3	
MANAGEMENT				
HTTP	•	•	•	•
SNMP		•	•	•
Telnet		•	•	•
SSH		•	•	•
FEATURES				
Central configuration	•	•	•	•
Multiple SSIDs, VLANs	•	•	•	•
Automatic RF Management	•	Dynamic	Dynamic	Dynamic
Multi-Tenancy	•			
Predeployment RF Planning		•	•	•
Heatmap		•	•	•
Self healing wireless network	•	•	•	•
Dynamic load balancing	•	•	•	•
L2 fast roaming	•	•	•	•
L3 fast roaming (seamless across subnet)		•	•	•
Built-in AAA server, LDAP support	•	•	•	•
Captived portal with guest management	•	•	•	•
ORDERING				
Warranty	Per Subscription	Lifetime	Lifetime	Lifetime
Product Ordering SKU	WM1AP1YL-10000S WM1AP3YL-10000S WM10AP1YL-10000S WM10AP3YL-10000S WM50AP1YL-10000S WM50AP3YL-10000S	WC9500-10000S WC9500-100PRS	WC7600-20000S WC7600-200PRS	WC7520-100NAS WC7520-100AUS WC7520-100PES WC7520-100UKS
5 or 10 AP License Ordering SKU	See Above	WC10APL-1000S	WC10APL-1000S	WC05APL-1000S
Pricing	$	$$$$	$$$	$$

ProSAFE Access Points

11AC Access Points

MODEL	WAC104	WAC120	WAC510	WAC720	WAC730	WAC740
Product Description	Dual Band 802.11ac Access Point	Dual Band 802.11ac Access Point	AC WiFi Business AP with NETGEAR® Insight app for easy management	ProSAFE Wireless-AC Dual Band Business AP	ProSAFE Wireless-AC Dual Band Premium AP	ProSAFE Wireless-AC Dual Band Wave 2 AP
Typical Deployment	High performance small and home office	High performance small and home office	Small to Mid-size customers for ease of deployment	Medium enterprise, high schools with advanced WiFi, hotel, mid-size hospital	Medium enterprise, high schools with advanced WiFi, hotel, mid-size hospital	Mid to Large enterprise, higher education with advanced WiFi, hotel, hospital
WIRELESS						
Standard	802.11ac	802.11 ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac
Dual Band	• (concurrent)	• (Concurrent)	• (concurrent)	• (concurrent)	• (concurrent)	• (concurrent)
2.4 GHz	•	•	•	•	•	•
5 GHz	•	•	•	•	•	•
TX by Rv	2 x 2 (2.4GHz)	2 x 2 (2.4 GHz)	2 x 2	2 x 2	3 x 3	4 x 4
Throughput per Radio	300/867 Mbps	1.3Gbps (total)	300/867Mbps	300/867Mbps	450/1300Mbps	600/1700Mbps
Max # of Concurrent Clients (standalone)	128	128	200	256	256	
Max # of Concurrent Clients (managed)				128	128	128
HARDWARE						
# of Ethernet Ports	1	1	2	1	1	2
Speed of Ethernet Ports	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps	1G/2.5G Multi-Gig Ethernet 10/100/1000Mbps
PoE			•	•	•	•
Antenna Type	External	Internal	Internal	Internal	Internal	Internal
Antenna Gain	3dBi	2 dBi	3dBi (2.4GHz) 6dBi (5GHz)	5dBi (2.4GHz) 6dBi (5GHz)	5dBi (2.4GHz) 6dBi (5GHz)	5dBi (2.4GHz) 6dBi (5GHz)
Additional External Antenna Connectors				two 2.4/5GHz reverse SMA	three 2.4/5GHz reverse SMA	four 2.4/5GHz reverse SMA
Plenum						
Physical Size	240 x 181 x 41mm	180 x 170 x 60mm	197x 197 x 37mm	197 x 197 x 40mm	197 x 197 x 40mm	197 x 197 x 40mm
Enclosure Material	Plastic	Plastic	Plastic	Plastic front – Metal Gray back	Plastic front – Metal Gray back	Plastic front – Metal White back
Kensington Lock		•	•			
Ceiling/Wall Mounting		•	•			•
Power Consumptions (W) Max	8.1	8.5 Watts	9	11	12.9	17.9
MANAGEMENT						
Deployment Options	Standalone	Standalone	Standalone / Insight	Standalone / Ensemble / Business Central / Controller (WC7500/ WC7600/9500)	Standalone / Ensemble / Business Central / Controller (WC7500/ WC7600/9500)	Controller (WC7500/ WC7600/9500)
Ensemble Management				•	•	•
Business Central Management				•	•	
SNMP				•	•	•
FEATURES						
# of BSSIDs	1	1	8	16	16	16
WEP	•	•		•	•	•
WPA-PSK/TKIP	•	•	•	•	•	•
WPA2-PSK/AES	•	•	•	•	•	•
802.1X		No		•	•	•
Rogue AP Detection			•	•	•	•
WIDS/WIPS			•	•	•	•
Wireless Distribution Systems	•	•	•	•	•	
Repeater		•	•	•	•	
Point-to-Point/Multi-Point	•	•	•	•	•	
Simultaneous Bridge/Client Association	•	•	•	•	•	
Captive Portal			•	•	•	•
VLANs			•	•	•	•
MAC ACL	•	•	•	•	•	•
802.11e/WMM	•	•	•	•	•	•
Rate Limiting	•	•	•	•	•	•
Bandwidth Management			•			
Beamforming			•	•	•	•
IPv6				•	•	
Bandsteering	•	•	•	•	•	•
ORDERING						
Warranty	3 years	3 years	Lifetime	Lifetime	Lifetime	Lifetime
Product Ordering SKU	WAC104-100NAS WAC104-100AUS WAC104-100PES WAC104-100UKS WAC104-100INS	WAC120-100NAS WAC120-100AUS WAC120-100PES WAC120-100UKS WAC120-100PRS	WAC510-10000S WAC510-100NAS	WAC720-10000S WAC720-100NAS	WAC730-10000S WAC730-100NAS	WAC740-10000S WAC740-100NAS
Pricing	$	$$	$$	$$$$	$$$$$	$$$$$

ProSAFE Access Points

Wireless Access Points

Outdoor Access Point

MODEL	WND930	WN203	WN370	WNAP210
Product Description	Dual Band High Power 802.11n Outdoor AP	ProSAFE Wireless-N standalone Access Point	ProSAFE Wireless-N Wall Mount Access Point	ProSAFE Wireless-N Access Point
Typical Deployment	Outdoor deployment for schools, hotels, and medium enterprise	Small office/home office, small motels, dental offices/clinics	Hotels, motels, school dormitories	Entry level-small to medium enterprise
WIRELESS				
Standard	802.11 a/b/g/n	802.11b/g/n	802.11 b/g/n	802.11 b/g/n
Single Band		•	•	•
Dual Band	• (concurrent)			
2.4 GHz	•	•	•	•
5 GHz	•			
TX by Rv	2 x 2	2 x 2	2 x 2	2 x 2
Throughput per Radio	300/300 Mbps	300Mbps	300Mbps	300Mbps
Max # of Concurrent Clients (standalone)	128	30	N/A	64
Max # of Concurrent Clients (managed)	128		64	64
HARDWARE				
# of Ethernet Ports	3	1	4 (LAN) + 1 (uplink) 2 (voice)	1
Speed of Ethernet Ports	10/100/1000Mbps	10/100/1000 Mbps	4 x 10/100Mbps + 1 (1G) 2 (voice)	10/100/1000Mbps
PoE	•	•	•	•
Antenna Type	Internal/External	Internal	Internal	Internal
Antenna Gain	5dBi (2.4GHz) 7dBi (5GHz)	3 dBi	5 dBi	5 dBi
Additional External Antenna Connectors	two 2.4 GHz and two 5 GHz female type N	two 2.4GHz reverse SMA		
Plenum	IP67			
Physical Size	255 x 255 x 78mm	224 x 153 x 28mm	135 x 93 x 26mm	224 x 153 x 28mm
Enclosure Material	Plastic front - Metal back	Plastic	Plastic	Plastic
Kensington Lock		No		No
Ceiling/Wall Mounting	•		wall (junction box)	
Power Consumptions (W) Max	15.2W (heater off)	3.4 Watts	5.1 Watts	6 Watts
MANAGEMENT				
Deployment Options	Standalone / Controller (WC7600/WC9500)	Standalone	Controller (WC7600/9500)	Standalone / Business Central / Controller
Business Central Management	Future		Future	•
SNMP	•	•	•	•
FEATURES				
# of BSSIDs	1	8	8	8
WEP	•	•	•	•
WPA-PSK/TKIP	•	•	•	•
WPA2-PSK/AES	•	•	•	•
802.1X		•	•	•
Rogue AP Detection	•		•	•
WIDS/WIPS				
Wireless Distribution Systems (WDS)	•	•	•	•
Repeater	•	•		•
Point-to-Point/Multi-Point	•	•		•
Simultaneous Bridge /Client Association	•	•		•
Captive Portal	•	•	•	•
VLANs	•	•	•	•
MAC ACL	•	•	•	•
802.11e/WMM	•	•	•	•
Rate Limiting	•	•	•	•
Bandwidth Management				
Beamforming				
IPv6	•			
Bandsteering	•			
ORDERING				
Warranty	2 years	Lifetime	Lifetime	Lifetime
Product Ordering SKU	WND930-1000S WND930-100NAS	WN203-100NAS WN203-100AUS WN203-200PES WN203-100PRS WN203-100UKS	WN370-10000S	WNAP210-100NAS WNAP210-100AUS WNAP210-100PES WNAP210-100PRS WNAP210-100UKS
Pricing	$$$$$$	$$	$$	$$$

ProSAFE Access Points

Wireless Access Points

MODEL	WNAP320	WNDAP350	WNDAP360	WNDAP660
Product Description	ProSAFE Wireless-N Access Point	ProSAFE Wireless-N Dual Band Access Point	ProSAFE Wireless-N Dual Band Access Point	ProSAFE Wireless-N Dual Band Premium Access Point
Typical Deployment	Small to medium enterprise, K-12 with basic Wi-Fi	Warehouses, transportation, hardened locations	Small to medium enterprise, K-8 schools with advanced Wi-Fi, hotels, mid-size hospitals	Medium enterprise, high schools with advanced Wi-Fi, hotels, mid-size hospitals
WIRELESS				
Standard	802.11 b/g/n	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n
Single Band	•			
Dual Band		• (concurrent)	• (concurrent)	• (concurrent)
2.4 GHz	•	•	•	•
5 GHz		•	•	•
TX by Rv	2 x 2	2 x 2	2 x 2	3 x 3
Throughput per Radio	300 Mbps	300 Mbps	300 Mbps	450 Mbps
Max # of Concurrent Clients (standalone)	64	128	128	256
Max # of Concurrent Clients (managed)	64	128	128	128
HARDWARE				
# of Ethernet Ports	1	1	1	2
Speed of Ethernet Ports	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps
PoE	•	•	•	•
Antenna Type	Internal	Internal	Internal	Internal
Antenna Gain	5 dBi	5 dBi (2.4 GHz) 6 dBi (5 GHz)	5 dBi (2.4 GHz) 6 dBi (5 GHz)	3 dBi (2.4 GHz) 3 dBi (5 GHz)
Additional External Antenna Connectors	two 2.4 GHz reverse SMA	two 2.4 GHz reverse SMA	two 2.4 GHz reverse SMA	three 2.4 GHz reverse SMA
Plenum		•		
Physical Size	254 x 254 x 55 mm	32 x 190 x 124 mm	254 x 254 x 55 mm	254 x 254 x 55 mm
Enclosure Material	Plastic	Metal	Plastic	Plastic
Kensington Lock	•	•		
Ceiling/Wall Mounting	•		•	•
Power Consumptions (W) Max	6 Watts	11.1 Watts	11.1 Watts	11.8 Watts
MANAGEMENT				
Deployment Options	Standalone / Business Central / Controller	Standalone / Business Central / Controller	Standalone / Business Central / Controller	Standalone / Business Central / Controller (WC7600/9500)
Business Central Management	•	•	•	•
SNMP	•	•	•	•
FEATURES				
# of BSSIDs	8	16	16	16
WEP	•	•	•	•
WPA-PSK/TKIP	•	•	•	•
WPA2-PSK/AES	•	•	•	•
802.1X	•	•	•	•
Rogue AP Detection	•	•	•	•
WIDS/WIPS				•
Wireless Distribution Systems (WDS)	•	•	•	•
Repeater	•	•	•	•
Point-to-Point/Multi-Point	•	•	•	•
Simultaneous Bridge / Client Association	•	•	•	•
Captive Portal	•	•	•	•
VLANs	•	•	•	•
MAC ACL	•	•	•	•
802.11e/WMM	•	•	•	•
Rate Limiting	•	•	•	•
Bandwidth Management				•
Beamforming				•
IPv6				•
Bandsteering				•
ORDERING				
Warranty	Lifetime	Lifetime	Lifetime	Lifetime
Product Ordering SKU	WNAP320-100NAS WNAP320-100AUS WNAP320-100PES WNAP320-100PRS WNAP320-100UKS	WNDAP350-100NAS WNDAP350-100AUS WNDAP350-100PES WNDAP350-100UKS	WNDAP360-100NAS WNDAP360-100AUS WNDAP360-100PES WNDAP360-100UKS	WNDAP660-100NAS WNDAP660-100AUS WNDAP660-100PES WNDAP660-100UKS
Pricing	$$$$	$$$$	$$$$	$$$$$

ProSAFE WIRELESS LAN ANTENNAS AND CABLES

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

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

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

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

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

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

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

STORAGE

ULTIMATE PERFORMANCE AND DATA SECURITY WITH THE READYNAS SERIES

Now faster than ever before, ReadyNAS solutions offer Small and Medium Businesses the ultimate network storage platform. With 5 levels of unrivaled data protection, 10-Gigabit copper Ethernet network interface on select models, expandable storage capacity, the new line up offers outstanding performance, versatility and scalability.

A unique feature set

- **Safeguarding data through five levels of defense**
  The new ReadyNAS OS 6 continues to build on its mission started 5 years ago to provide the strongest data protection in the industry. By guarding against bitrot media degradation as well as viruses and malware, its five levels of defense offer complete data and media protection. This new capability is added to existing safeguards such as automatic RAID protection against disk failure, point-in-time recovery with exclusive snapshot technology, free real-time anti-virus software, and replication to the cloud.

- **Ultimate performance**: Industry's highest performance Network Attached Storage product portfolio, at multiple power, capacity and price points, meeting every SMB's need

- **Intuitive and unified management app**: Setup, monitor and manage your ReadyNAS from the palm of your hand through the NETGEAR Insight app for iOS and Android (for ReadyNAS running OS 6.6 and above)

- **Seamless File Sharing:** Unified storage platform (ReadyCLOUD™) for sharing files between Windows, Mac, Linux-based computers and remote or cloud locations

- **All-inclusive ReadyDR data protection**: Store data from your computers to your ReadyNAS, backup data between your ReadyNAS either locally or externally seamlessly and instantly

- **File Sharing:** Unified storage platform for sharing files between Windows, Mac and Linux-based computers

- **Hard Drive Redundancy:** RAID redundancy with automatic expansion and unlimited data snapshots for point-in-time restore.

- **Cloud Collaboration:** Share selected folders and files with ReadyCLOUD™ with partners, clients or internal teams

- **Backup & Recovery**: ReadyDR disaster recovery solution based on block level replication technology

Just pick the one that's best for you!

DESKTOP

SERIES NUMBER	210 SERIES	310 SERIES	420 SERIES	520 SERIES	620 SERIES
Description	Media Storage Hub for the Home Office	Media Storage Hub for Small Businesses	High-performance Business Storage	Premium Performance Business Storage	Ultimate Performance Business Storage
Typical Deployment	SOHO	Small Business	SMB	Medium offices, creative professionals	Large offices, creative professionals
Number of users	Up to 12	Up to 20	Up to 40	Up to 80	Up to 120
Number of bays	2 or 4 Bays	2, 4 or 6 Bays	2 or 4 Bays	4, 6 or 8 Bays	6 or 8 Bays
Connectivity	1Gb	1Gb	1Gb	10Gb	10 Gb
Management	Web management for all models and/or NETGEAR Insight app management for OS 6.6 and above	Web management for all models and/or NETGEAR Insight app management for OS 6.6 and above	Web management for all models and/or NETGEAR Insight app management for OS 6.6 and above	Web management for all models and/or NETGEAR Insight app management for OS 6.6 and above	Web management for all models and/or NETGEAR Insight app management for OS 6.6 and above

RACKMOUNT

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

ReadyNAS

Desktop

	ReadyNAS 212	ReadyNAS 214	ReadyNAS 312	ReadyNAS 314
Product Description	2-Bay Desktop	4-Bay Desktop	2-Bay Desktop	4-Bay Desktop
Internal (Expandable) Capacity	20TB	40TB	20TB (up to 70TB)	40TB (up to 140TB)
File Protocols	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV
Block Protocols	iSCSI	iSCSI	iSCSI	iSCSI
File System	BTRFS	BTRFS	BTRFS	BTRFS
Supported Drive Types	Desktop SATA	Desktop	Desktop/Enterprise SATA	Desktop/Enterprise SATA
Gigabit Ethernet Ports	2	2	2	2
10G Ethernet Port	0	0	0	0
Supports EDA500 Expansion Chassis	No	No	Yes	Yes
Reliability Features	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover
CPU	Marvell Annapurna AL212 Quad Core 1.4GHz High Performance ARM Cortex A15	Marvell Annapurna AL212 Quad Core 1.4GHz High Performance ARM Cortex A15	Intel Atom 2.1GHz Dual Core	Intel Atom 2.1GHz Dual Core
Memory	2GB	2GB	2GB	2GB
RAID Level Supported	RAID 0,1	RAID 0,1,5,6,10	RAID 0,1	RAID 0,1,5,6,10
Auto Volume Expansion	XRAID2	XRAID2	XRAID2	XRAID2
Unique Features	Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN 5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set	Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN 5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set	Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN 5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set	Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN 5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set
Onboard Backup Options	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine
VMware Ready	No	No	Yes	Yes
ReadyNAS Replicate (License Option)	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed
Warranty (System)	3 year standard warranty	3 year standard warranty	5 year standard warranty	5 year standard warranty
ProSUPPORT Service Options	OnCall 24x7: PMB0311, PMB0331, PMB0351	OnCall 24x7: PMB0311, PMB0331, PMB0351	OnCall 24x7: PMB0312, PMB0332, PMB0352	OnCall 24x7: PMB0312, PMB0332, PMB0352
Optimal Number of User Support	1 – 20	1–20	1–40	1–40
System SKUs	RN21200 RN21221D RN2122D	RN21400 RN21121D RN21442D	RN31200 RN31221D RN31222D RN31221E RN31222E	RN31400 RN31441D RN31442D RN31441E RN31442E RN31443E

ReadyNAS

Desktop

	ReadyNAS 316	ReadyNAS 422	ReadyNAS 424	ReadyNAS 524X
Product Description	6-Bay Desktop	2-Bay Desktop	4-Bay Desktop	4-Bay Desktop
Internal (Expandable) Capacity	60TB (up to 160TB)	20TB	40TB	40TB
File Protocols	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV
Block Protocols	iSCSI	iSCSI	iSCSI	iSCSI
File System	BTRFS	BTRFS	BTRFS	BTRFS
Supported Drive Types	Desktop/Enterprise SATA	Desktop/Enterprise SATA	Desktop/Enterprise SATA	Enterprise SATA
Gigabit Ethernet Ports	2	2	2	0
10G Ethernet Port	0	0	0	2
Supports EDA500 Expansion Chassis	Yes			
Reliability Features	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover ECC Memory
CPU	Intel Atom 2.1GHz Dual Core	Intel Atom C3338 Dual Core	Intel Atom C3338 Dual Core	Intel Server Processor D-1508 Dual Core 2.2GHz
Memory	2GB	2GB DDR4	2GB DDR4	4GB DDR4 with ECC
RAID Level Supported	RAID 0,1,5,6,10,50*	RAID 0,1	RAID 0,1,5,6,10	RAID 0,1,5,6,10
Auto Volume Expansion	XRAID2	XRAID2	XRAID2	XRAID2
Unique Features	Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN 5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set	Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN 5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set	Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN 5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set	Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN 5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set
Onboard Backup Options	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine
VMware Ready	Yes	Yes	Yes	Yes
ReadyNAS Replicate (License Option)	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed
Warranty (System)	5 year standard warranty	5 year standard warranty	5 year standard warranty	5 year standard warranty
ProSUPPORT Service Options	OnCall 24x7: PMB0312, PMB0332, PMB0352	OnCall 24x7: PMB0312, PMB0332, PMB0352	OnCall 24x7: PMB0312, PMB0332, PMB0352	OnCall 24x7: PMB0313, PMB0333, PMB0353
Optimal Number of User Support	1–40	1–40	1–40	20-80
System SKUs	RN31600 RN31661D RN31662D RN31661E RN31662E RN31663E RN31664E	RN42200 RN422D2 RN422D4 RN422D6 RN422E4 RN422E6	RRN42400 RN424D2 RN424D4 RN424D6 RN424E4 RN424E6	RN524X00 RN524XD2 RN524XD4 RN524XD6 RN524XE3 RN524XE4 RN524XE6

*RAID 50 and RAID 60 are available with OS 6.7 only

ReadyNAS

Desktop

	ReadyNAS 526X	ReadyNAS 528X	ReadyNAS 626X	ReadyNAS 628X
Product Description	6-Bay Desktop	8-Bay Desktop	6-Bay Desktop	8-Bay Desktop
Internal (Expandable) Capacity	60TB	80TB	60TB	80TB
File Protocols	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV
Block Protocols	iSCSI	iSCSI	iSCSI	iSCSI
File System	BTRFS	BTRFS	BTRFS	BTRFS
Supported Drive Types	Desktop SATA	Enterprise SATA	Enterprise SATA	Enterprise SATA
Gigabit Ethernet Ports	0	0	2	2
10G Ethernet Port	2 (10GBaseT)	2	2	2
Supports EDA500 Expansion Chassis				
Reliability Features	Hot Swappable Disks Network Failover ECC Memory	Hot Swappable Disks Network Failover ECC Memory	Hot Swappable Disks Network Failover ECC Memory	Hot Swappable Disks Network Failover ECC Memory
CPU	Intel Server Processor D-1508 Dual Core 2.2GHz	Intel Server Processor D-1508 Dual Core 2.2GHz	Intel Xeon Server Processor D-1521 Quad Core 2.4GHz	Intel Xeon Server Processor D-1521 Quad Core 2.4GHz
Memory	4GB DDR4 with ECC	4GB DDR4 with ECC	8GByte DDR4 with ECC	8GByte DDR4 with ECC
RAID Level Supported	RAID 0,1,5,6,10,50*	RAID 0,1,5,6,10,50*	RAID 0,1,5,6,10,50*	RAID 0,1,5,6,10,50*
Auto Volume Expansion	XRAID2	XRAID2	XRAID2	XRAID2
Unique Features	Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN – ReadyNAS Backup 5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set	Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN – ReadyNAS Backup 5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set	Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN – ReadyNAS Backup 5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set	Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN – ReadyNAS Backup 5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set
Onboard Backup Options	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine
VMware Ready	Yes	Yes	Yes	Yes
ReadyNAS Replicate (License Option)	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed
Warranty (System)	5 year standard warranty	5 year standard warranty	5 year standard warranty	5 year standard warranty
ProSUPPORT Service Options	OnCall 24x7: PMB0313, PMB0333, PMB0353	OnCall 24x7: PMB0313, PMB0333, PMB0353	OnCall 24x7: PMB0313, PMB0333, PMB0353	OnCall 24x7: PMB0313, PMB0333, PMB0353
Optimal Number of User Support	20-80	20-80	40-120	40-120
System SKUs	RN526X00 RN526XD3 RN526XD4 RN526XD6 RN526XE3 RN526XE4 RN526XE6	RN528X00 RN528XE3 RN528XE4 RN528XE6	RN626X00 RN626XE3 RN626XE4 RN626XE6	RN628X00 RN628XE3 RN628XE4 RN628XE6

*RAID 50 and RAID 60 are available with OS 6.7 only

ReadyNAS

Rackmount

	ReadyNAS 2120	ReadyNAS 3138	ReadyNAS 3312	ReadyNAS 4312S
Product Description	1U Rackmount, 4-Bays	1U Rackmount, 4-Bays	2U Rackmount, 12-Bays	2U Rackmount, 12-Bays
Total Solution Capacity Internal/with Expansion	40TB / N.A.	40TB/N.A.	120TB/600TB	120TB/600TB
File Protocols	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV
Block Protocols	iSCSI	iSCSI	iSCSI	iSCSI
File System	BTRFS	BTRFS	BTRFS	BTRFS
Supported HDD Types	Desktop/Enterprise SATA	Desktop/Enterprise SATA	Enterprise SATA	Enterprise SATA
Gigabit Ethernet Ports	2	4	4	4
10G Ethernet Port	0	0	0	2 (SFP+)
Reliability Features	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover
CPU	Marvell Armada XP 1.6GHz Dual Core	Intel AtomC2558 Dual Core 2.4GHz Quad Core Processor	Intel Xeon E3-1225v5 3.3GHz Quad Core	Intel Xeon E3-1245V5 3.5GHz Quad Core Hyper Thread
Memory	2GB DDR3	4GB DDR3 ECC	8GB DDR4 ECC	16GB DDR4 ECC
Expandable Memory	0	0	64GByte DDR4	64GByte DDR4
RAID Level Supported	RAID 0,1,5,6,10	RAID 0,1,5,6,10	RAID 0,1,5,6,10,50,60*	RAID 0,1,5,6,10,50,60*
Auto Volume Expansion	XRAID2	XRAID2	N/A	N/A
Unique Features	5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN Cost effective Storage for backup	5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN High performance Storage for backup Collaboration for work group	5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN Superior performance Large internal capacity Highspeed SAS for expansion chassis Storage for backup Collaboration for work group	5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN Ultimate performance with 10GbE fiber module built-in Large internal capacity Highspeed SAS for expansion chassis Storage for backup Collaboration for large work group
Onboard Backup Options	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine
VMware Ready	Yes	Yes	Yes	Yes
Warranty (System)	5 year warranty with NBD HW replacement	5 year warranty with NBD HW replacement	5 year warranty with NBD HW replacement	5 year warranty with NBD HW replacement
ProSUPPORT Service Options	OnCall 24x7: PMB0312, PMB0332, PMB0352	OnCall 24x7: PMB0312, PMB0332, PMB0352	OnCall 24x7: PMB0314, PMB0334, PMB0314, PMB0354, PMB334	OnCall 24x7: PMB0314, PMB0354, PMB334
Optimal Number of User Support	1-20	1-40	20-120	80-160
HDD Populated SKUs	RN2120 RN21241D RN21242D RN21241E RN21242E RN21243E RN21244E	RN3138 RN31842D RN31842E RN31843D RN31843E RN31844E RN31342E	RR331200 RR3312G2 RR3312G3 RR3312G4 RR3312G6	RR4312S0 RR4312S3 RR4312S4 RR4312S6
Support for: EDA 4000 – 24-Bay/EDA 2000 – 12-Bay Expansion	No	No	Yes	Yes

*RAID 50 and RAID 60 are available with OS 6.7 only

ReadyNAS

Rackmount

	ReadyNAS 4312X	ReadyNAS 4360S	ReadyNAS 4360X
Product Description	2U Rackmount, 12-Bays	4U Rackmount, 60-Bays	4U Rackmount, 60-Bays
Total Solution Capacity Internal / with Expansion	120TB/600TB	600TB/1.320 PB	600TB/1.320 PB
File Protocols	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIF/SMB, AFP, HTTP(S), FTP(S), WebDAV
Block Protocols	iSCSI	iSCSI	iSCSI
File System	BTRFS	BTRFS	BTRFS
Supported HDD Types	Enterprise SATA	SAS or SATAIII Enterprise	SAS or SATAIII Enterprise
Gigabit Ethernet Ports	4	4	4
10G Ethernet Port	2 (10GBaseT)	2 (SFP+)	2 (10GBaseT)
Reliability Features	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover
CPU	Intel Xeon E3-1245V5 3.5GHz Quad Core Hyper Thread	Intel Xeon E3-1225V5 3.3GHz Quad Core	Intel Xeon E3-1225V5 3.3GHz Quad Core
Memory	16GB DDR4 ECC	16GB DDR4 ECC	16GB DDR4 ECC
Expandable Memory	64GByte DDR4	64GByte DDR4	64GByte DDR4
RAID Level Supported	RAID 0,1,5,6,10,50,60*	RAID 0,1,5,6,10,50,60*	RAID 0,1,5,6,10,50,60*
Auto Volume Expansion	XRAID2	N/A	N/A
Unique Features	5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN Ultimate performance with 10GbE Ethernet module built-in Large internal capacity Highspeed SAS for expansion chassis Storage for backup Collaboration for large work group	5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN Ultimate performance with 10GbE Ethernet module built-in Large internal capacity Highspeed SAS for expansion chassis Storage for backup Collaboration for large work group	5-levels of data protection · XRAID and/or Flex-RAID (model dependent) · Protection of data with performance-neutral snapshots · Protection against silent data corruption ("Bitrot") · Real-time anti-virus · Integrated, web-managed replication to the cloud ReadyDR – Disaster Recovery Solution · Incremental backup to another ReadyNAS · Easy recovery of full data set Most versatile and secure remote access: – ReadyCLOUD Collaboration, Sync & Backup – ReadyCLOUD automated VPN Ultimate performance with 10GbE Ethernet module built-in Large internal capacity Highspeed SAS for expansion chassis Storage for backup Collaboration for large work group
Onboard Backup Options	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine	ReadyCLOUD user directory backup Remote & Local Time Machine
VMware Ready	Yes	Yes	Yes
Warranty (System)	5 year standard warranty with 3 year NBD HW Replacement	5 year standard warranty with 3 year NBD HW Replacement	5 year standard warranty with 3 year NBD HW Replacement
ProSUPPORT Service Options	OnCall 24x7: PMB0314, PMB0334, PMB0355	OnCall 24x7: PMB0314, PMB0334, PMB0355	OnCall 24x7: PMB0314, PMB0334, PMB0355
Optimal Number of User Support	80-160	40-160	40-160
HDD Populated SKUs	RR4312X0 RR4312X3 RR4312X4 RR4312X6	RR4360S00	RN4360X00
Support for: EDA 4000 – 24-Bay/EDA 2000 – 12-Bay Expansion	Yes	Yes Expansion HBA included.	Yes Expansion HBA included.

*RAID 50 and RAID 60 are available with OS 6.7 only

Midmarket Solutions

Backup to Disk

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

NETGEAR products can help you build solutions like:

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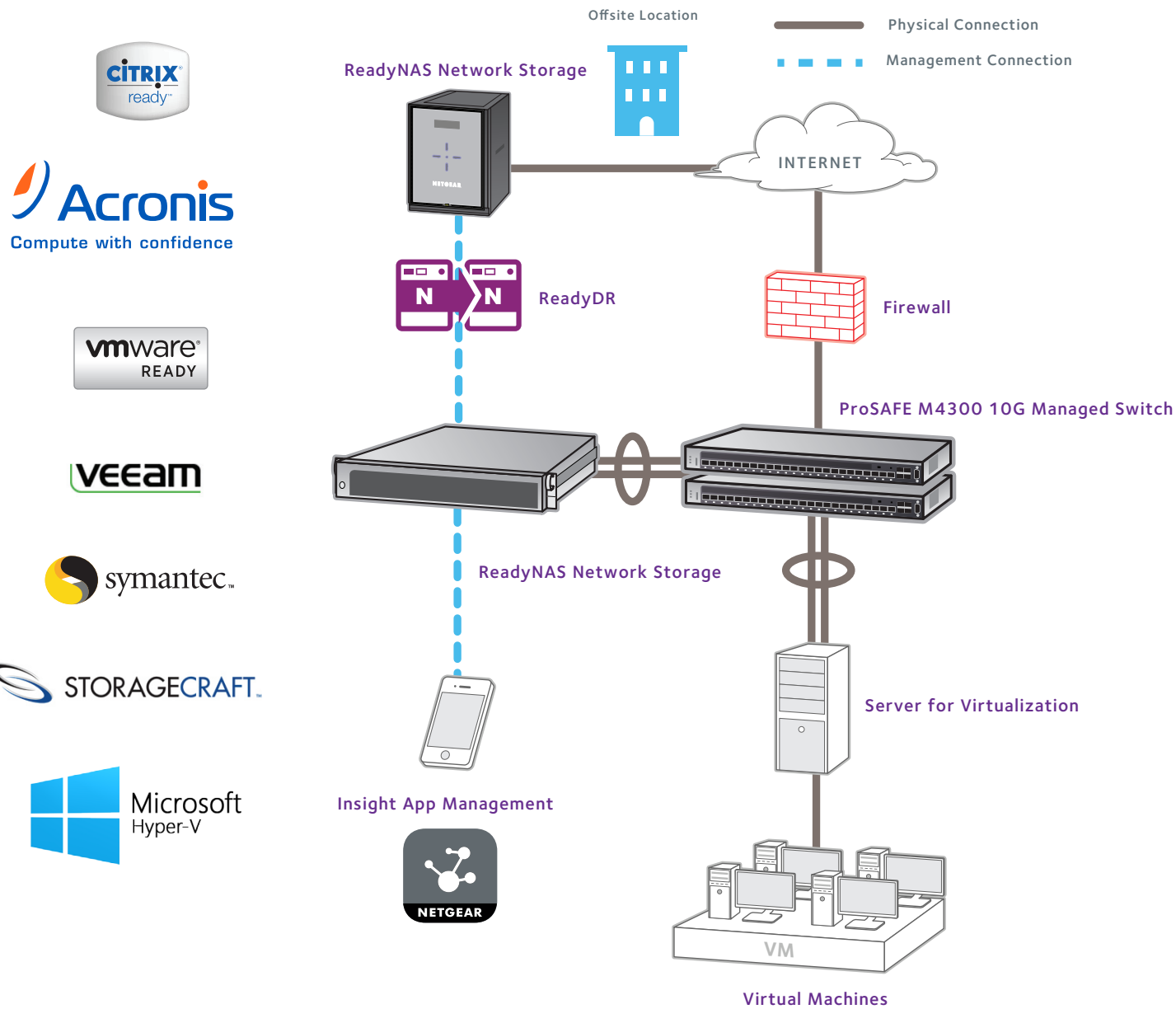- Automated backups that require little ongoing management
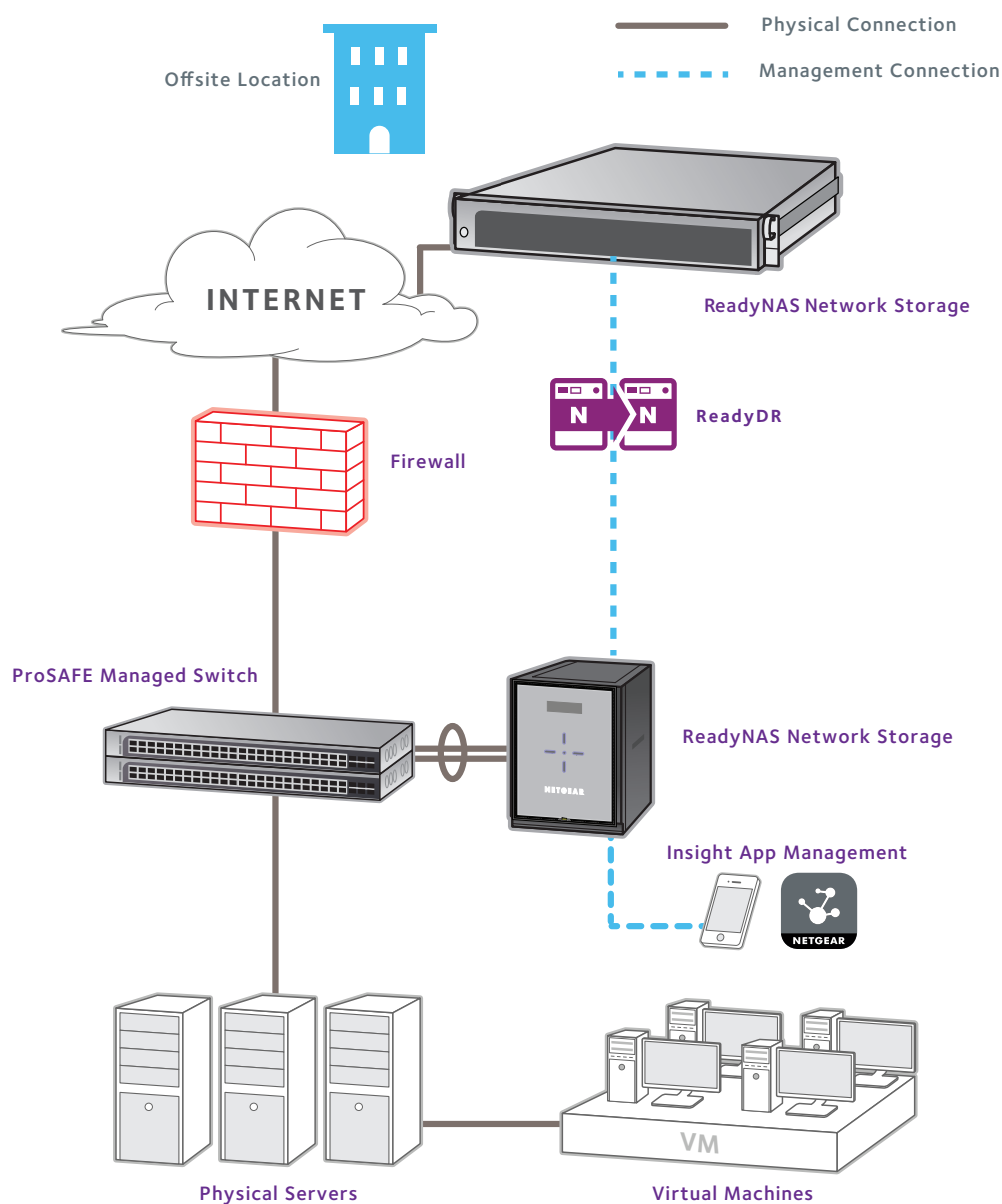
Midmarket Solutions

Virtualization

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

NETGEAR products can help you build solutions like:

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

CITRIX ready

Acronis Compute with confidence

vmware READY

veeam

symantec

STORAGECRAFT

Microsoft Hyper-V

Offsite Location

ReadyNAS Network Storage

Physical Connection

Management Connection

INTERNET

ReadyDR

Firewall

ProSAFE M4300 10G Managed Switch

ReadyNAS Network Storage

Server for Virtualization

Insight App Management

NETGEAR

VM

Virtual Machines

SUPPORT

Industry-Best Warranty Terms by NETGEAR

NETGEAR IS THE ONLY NETWORKING VENDOR TO OFFER LIFETIME TECHNICAL SUPPORT* FOR BUSINESS PRODUCTS

At NETGEAR, we understand the importance of a stable and robust network infrastructure. ProSAFE and ReadyNAS products are designed to exceed the high standards required of business-class network. In addition, each product is covered by an industry-leading warranty to demonstrate our commitment to quality.

ProSAFE products — switches and wireless — are covered for the full life of the hardware, including next-business-day replacement. Included is 90 days of technical support via phone and lifetime support through online chat.

ReadyNAS with their moving parts, are covered for an industry leading 5-years, which also includes 5 years of next-business-day replacement. In addition, included is 90 days of technical support via your preferred support channel.

NETGEAR Technical Support

Software updates are provided online at **netgear.com/support** along with intuitive self-help guides and full product documentation.

Register your product at **my.netgear.com** to keep track of your products, support requests and get alerts on important updates related to your product.

Support is delivered by a highly skilled team of Level 2 and Level 3 technicians with a focus on customer service. The support team deliver consistent customer satisfaction scores with an industry leading score of over 90%.

NETGEAR Community

The NETGEAR community is a place where users and experts can come together to share tips and ideas, solve problems, and talk about everything NETGEAR products can do. Join the conversation, pick the brains of NETGEAR aficionados, and take advantage of the knowledge of fellow users around the world. Come visit us at **community.netgear.com**

Table 1 Warranty and Service Offerings Comparison

BUSINESS WARRANTY PROTECTION	HARDWARE WARRANTY		NEXT BUSINESS DAY SHIPPING		TECHNICAL SUPPORT	
	Lifetime*	5 Years	Lifetime	5 Years	Lifetime Chat	90 Days Phone
ProSAFE®						
Switches: Unmanaged up to Fully Managed	✓		✓		✓	✓
Wireless: Controllers and APs	✓		✓		✓	✓
ReadyNAS®/ReadyDATA®						
ReadyNAS Desktop – RN210/310/420/520/620		✓		✓		✓
ReadyNAS Rackmount		✓		✓		✓
ReadyNAS Drives: Enterprise Class		✓		✓		✓

* Not covered by these warranty terms: accessories, software, licenses, desktop drives. Lifetime Technical Support is provided via free phone support for first 90 days, and via free online chat thereafter. Next Business Day Shipping may not be available in all localities worldwide. Customer should consult their local NETGEAR representative for applicable support services. For more information, see: www.netgear.com/about/warranty/

NETGEAR ProSUPPORT

USE NETGEAR TOP CLASS SERVICE TO YOUR ADVANTAGE

ProSUPPORT™ Service Offerings (USA, Canada, Australia & Select European Countries[1])

NETGEAR understands that the integrity of your customers' networks directly impacts the success of your enterprise. We have designed a flexible service portfolio with various levels of support, enabling you to leverage NETGEAR expertise in a way that is most suitable for you and your customers' needs. Our service offerings ensure that NETGEAR business-class products operate even more efficiently and reliably, enabling you to help customers focus on their core business.

Professional Installation Services

Reduce implementation time and costs using NETGEAR professional installation setup and configuration services for :

- ReadyNAS
- ProSAFE Managed or Smart Switches
- ProSAFE Wireless Access Points and Controllers

The service spans pre-deployment planning to service deployment activities, including configuration and verification testing.

Using NETGEAR over the phone expertise and experience during the installation process translates into faster deployment. You reap long-term benefits knowing that your installation follows industry standards and that your product is configured to take full advantage of all included features.

Part Number: PSB0304-10000S Installation Setup and Configuration (Remote)

Extend and Enhance Your Warranty Coverage

NETGEAR ProSUPPORT offerings provide you with peace of mind by extending and enhancing the standard warranty coverage included with a product purchase.

OnCall 24x7 Contract

- Extend the 90-day phone entitlement support warranty
- Access dedicated ProSUPPORT phone numbers*
- Software Maintenance Releases Notification

Available in 1, 3 and 5 years for each product category.

Defective Drive Retention

When a storage drive becomes defective, the NETGEAR Defective Drive Retention ("DDR") service allows business customers to retain possession of the drive, thus giving them total control over the sensitive and confidential data that are stored within it.

PRODUCT CATEGORY	1	2	3	4
SERVICE				
OnCall 24x7 (1 year)	PMB0311	PMB0312	PMB0313	PMB0314
Drive Retention (5 years)		PDR0152	PDR0153	PDR0154

[1] Austria, Belgium, Denmark, France, Germany, Ireland, Italy, Luxembourg, Spain, Sweden, Switzerland, The Netherlands & UK

* Dedicated numbers available for USA, UK, France, Germany, Italy. Defective Drive Retention Covers SATA & SAS drives purchased from NETGEAR in the following countries Australia, Austria, Belgium, Canada, Denmark, France, Germany, Ireland, Italy, Japan, Luxembourg, Spain, Sweden, Switzerland, The Netherlands, UK and USA.

NETGEAR ProSUPPORT

ProSUPPORT Service Offerings (USA, Canada, Australia & Select European Countries[1]) Use the following table to find the ProSUPPORT OnCall 24x7 category for your NETGEAR product.

Category 1 Products
OnCall 24x7 Contracts available for 1, 3 and 5 years	
1 year	PMB0311
3 year	PMB0331
5 year	PMB0351
Model	Part Number
FS105	FS105
FS108	FS108
FS108P	FS108P
FS116	FS116
FS116P	FS116P
FS728TLP	FS728TLP
FS728TP	FS728TP
GS105	GS105
GS105EV2	GS105E
GS105PE	GS105PE
GS108	GS108
GS108E	GS108E
GS108PE	GS108PE
GS108T	GS108T
GS110TP	GS110TP
GS116	GS116
GS116EV2	GS116E
GS510TP	GS510TP
GS516TP	GS516TP
GS716T	GS716T
GS724T	GS724T
GS728TP	GS728TP
GS728TPP	GS728TPP
GS748T	GS748T
GSS108E	GSS108E
GS108EPP	GS108EPP
GS408EPP	GS408EPP
GSS116E	GSS116E
JFS516	JFS516
JFS524	JFS524
JGS516	JGS516
JGS516PE	JGS516PE
JGS524	JGS524
JGS524EV2	JGS524E
JGS524PE	JGS524PE
ReadyNAS 212 (RN212)	RN21200
ReadyNAS 214 (RN214)	RN21400
WAC120	WAC120
WAC510	WAC510
WAC720	WAC720
WAC730	WAC730
WAC740	WAC740
WN203	WN203
WN370	WN370
WNAP210	WNAP210
WNAP320	WNAP320
WNDAP350	WNDAP350
WNDAP360	WNDAP360
WNDAP660	WNDAP660
XS708Ev2	XS708Ev2
XS708T	XS708T
XS708T	XS708T

Category 2 Products
OnCall 24x7 Contracts available for 1, 3 and 5 years	
1 year	PMB0312
3 year	PMB0332
5 year	PMB0352
Model	Part Number
GS752TP	GS752TP
GS752TPSB	GS752TPS
GS752TSB	GS752TS
GS752TXS	GS752TXS
M4100-12GF (GSM7212F)	GSM7212F
M4100-24G-POE+ (GSM7224P)	GSM7224P
M4100-26G (GSM7224)	GSM7224
M4100-26G-POE (GSM7226LP)	GSM7226LP
M4100-50G (GSM7248)	GSM7248
M4100-50G-POE+ (GSM7248P)	GSM7248P
M4100-50-POE (FSM7250P)	FSM7250P
M4100-D12G (GSM5212)	GSM5212
M4200-10MG-POE+ (GSM4210P)	GSM4210P
ReadyNAS 312 (RN31200)	RN312
ReadyNAS 314 (RN31400)	RN314
ReadyNAS 316 (RN31600)	RN316
ReadyNAS 422 (RN422)	RN42200
ReadyNAS 424 (RN424)	RN42400
ReadyNAS 3138 (RN3138)	RN3138
S3300-28X (GS728TX)	GS728TX
S3300-28X-POE+ (GS728TXP)	GS728TXP
S3300-52X (GS752TX)	GS752TX
S3300-52X-POE+ (GS752TXP)	GS752TXP
WC7500	WC7500
WC7600	WC7600
WND930	WND930
XS716E	XS716E
XS716T	XS716T

Category 3 Products
OnCall 24x7 Contracts available for 1, 3 and 5 years	
1 year	PMB0313
3 year	PMB0333
5 year	PMB0353
Model	Part Number
M4300-28G (GSM4328S)	GSM4328S
M4300-28G-POE+ (GSM4328PA)	GSM4328PS
M4300-28G-POE+ (GSM4328PB)	GSM4328PS
M4300-52G (GSM4352S)	GSM4352S
M4300-52G-POE+ (GSM4352PA)	GSM4352PS
M4300-52G-POE+ (GSM4352PB)	GSM4352PS
M4300-8X8F (XSM4316S)	XSM4316S
M5300-28GF3 (GSM7328FS)	GSM7328FS
ReadyNAS 524X (RN524X)	RN524X00
ReadyNAS 526X (RN526X)	RN526X00
ReadyNAS 528X (RN528X)	RN528X00
ReadyNAS 626X (RN626X)	RN626X00
ReadyNAS 628X (RN628X)	RN628X00
XS728T	XS728T

Category 4 Products
| OnCall 24x7 Contracts available for 1, 3 and 5 years	
1 year	PMB0314
3 year	PMB0334
5 year	PMB0354
Model	Part Number
M4300-12X12F (XSM4324S)	XSM4324S
M4300-24X (XSM4324CS)	XSM4324CS
M4300-24X24F (XSM4348S)	XSM4348S
M4300-48X (XSM4348CS)	XSM4348CS
M6100 Series (XCM8900)	XCM8900
ReadyNAS 3312 (RR3312)	RR331200
ReadyNAS 4312S (RR4312S)	RR4312S0
ReadyNAS 4312X (RR4312X)	RR4312X0
WC9500	WC9500
XS748T	XS748T

[1] Austria, Belgium, Denmark, France, Germany, Ireland, Italy, Luxembourg, Spain, Sweden, Switzerland, The Netherlands & UK
Please refer to the ProSUPPORT Part Number for each ProSAFE or ReadyNAS product.

HOME NETWORKING PRODUCTS

AWARD-WINNING HOME NETWORKING PRODUCTS

Nighthawk® Switch
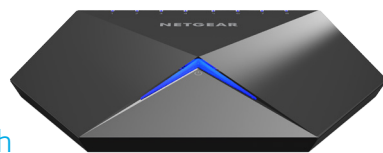
The NETGEAR Nighthawk® S8000 Gaming & Streaming 8-Port Advanced Gigabit Ethernet Switch is a versatile, ultra-performance, easily configurable network switch designed for expert gaming, 4K UHD media streaming, and home network connectivity.

Its sleek and modern design make it the perfect for any modern home or small office. The Nighthawk S8000 brings low latency, traffic and port prioritization, and Quality of Service (QoS) management at the click of a button for ultra-high performance in high-demanding online/VR gaming and media streaming.

Learn more: www.netgear.com/s8000

Nighthawk® Routers

NETGEAR is advancing the way you WiFi with the technology-leading Nighthawk routers. Nighthawk routers come with advanced features and fastest combined throughput speeds to give you the best-in-class WiFi experience. NETGEAR Nighthawk routers with the fastest processors, powerful antennas and Gigabit Ethernet ports boost speed, performance and range to all your devices. One of the latest in innovation is the Nighthawk X10 (R9000) router, the world's fastest router. The Nighthawk X10 was awarded the CES 2017 Best of Innovation Award.

Learn more about all of our Nighthawk routers here: www.netgear.com/nighthawk

Cable Modems

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

Learn more: www.netgear.com/DOCSIS-3.1

DSL Modems and Modem Routers

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

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

STAY CONNECTED. EVERYWHERE.

Orbi™ Tri-Band Whole Home WiFi Systems

Orbi™ WiFi System is a family of WiFi Systems that come with an Orbi WiFi Router and Satellite to deliver unparalleled WiFi coverage throughout your home, even in your basement or backyard.

Innovative Tri-band WiFi ensures you enjoy the top Internet speeds you pay for everywhere in your home. Use the Orbi app or any web browser to create secure whole home WiFi in just minutes. There are no accounts to setup. Enjoy one WiFi name and seamless roaming for your entire home.

Learn more: www.netgear.com/orbi

Arlo® Security Cameras

With brilliant HD video quality, two-way audio, live streaming, free cloud recording, instant alerts, and other smart features, the Arlo family of smart security cameras lets you watch over what you love from every angle, indoors and out, day and night. Through Arlo's mobile and browser apps, you get a live, on demand view of the location as well as the ability to easily play previously recorded videos from nearly anywhere in the world. Models include wire-free Arlo, Arlo Go and Arlo Pro, and wired Arlo Q and Arlo Q Plus with PoE capability.

Learn more: www.arlo.com

LTE Modems

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

The LTE modems are portable, light and have a compact design for you to take anywhere.

Learn more: http://www.netgear.com/home/products/mobile-broadband/lte-modems

Mobile Hotspots (Portable WiFi)

NETGEAR Mobile Hotspots are secure and easy-to-use making them the ideal travel companion that lets you connect multiple WiFi devices like your smartphone, tablet, or laptop to the Internet anywhere cellphone coverage is available. With a simplified touch screen interface and long-lasting battery, NETGEAR AirCard mobile hotspots provide a superior mobile broadband experience like never before.

Learn more: http://www.netgear.com/home/products/mobile-broadband/hotspots