

# NETGEAR®

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# NETGEAR®

**Advance Further**  
Commercial  
Products

**2013**



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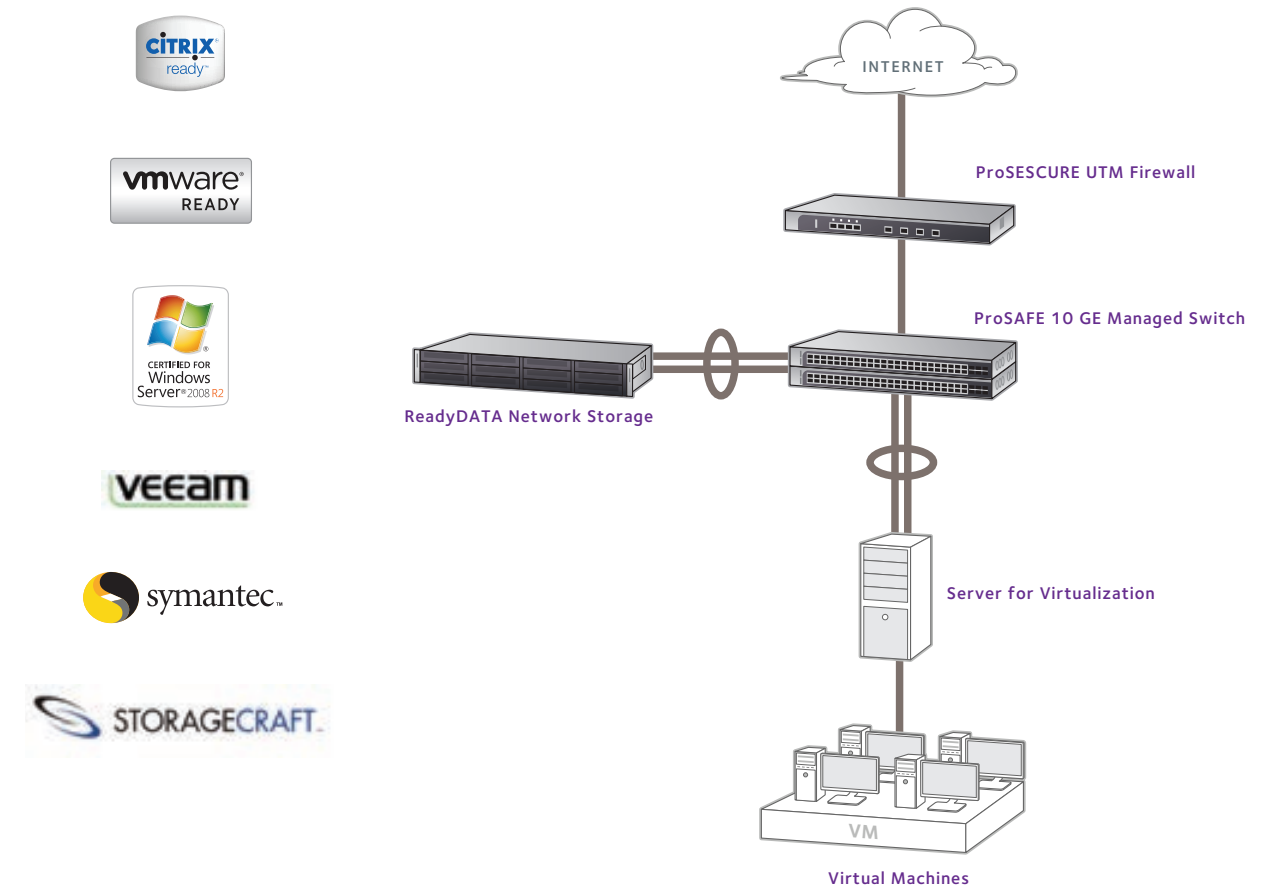
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## Midmarket Solutions Virtualization

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
- 10GB 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

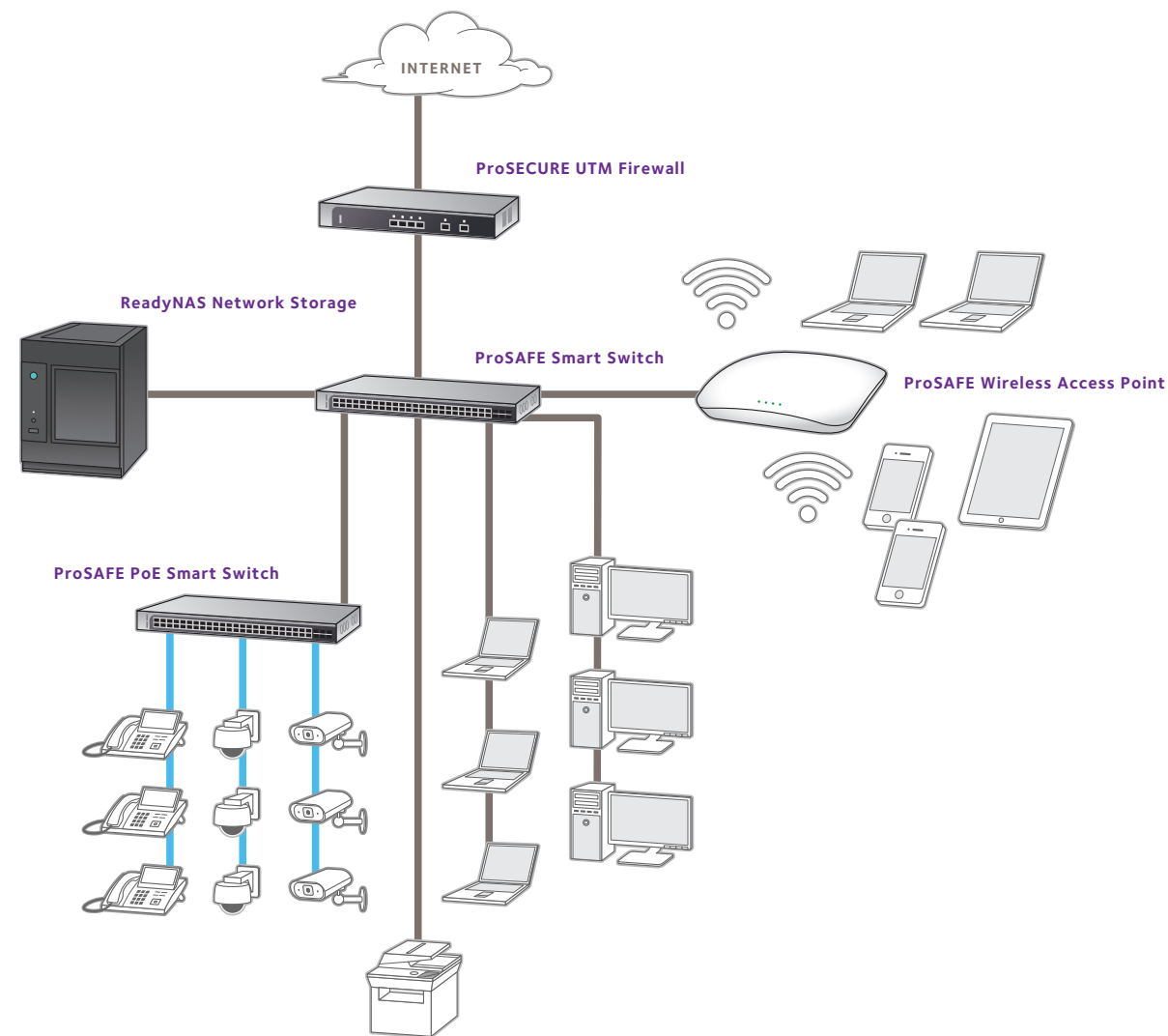


## Midmarket Solutions Cloud Computing

Cloud IT services revenue will quadruple by 2015, and the fastest adopters are small businesses. Smart cloud projects deliver recurring channel partner revenue while cutting customer capital expenses without sacrificing performance or reliability.

NETGEAR products can help you build solutions like:

- Seamless file sharing in or out of the office (hybrid cloud file sharing)
- Offsite replication and disaster recovery services, billed monthly
- Secure connections to the Internet, regardless of provider or content

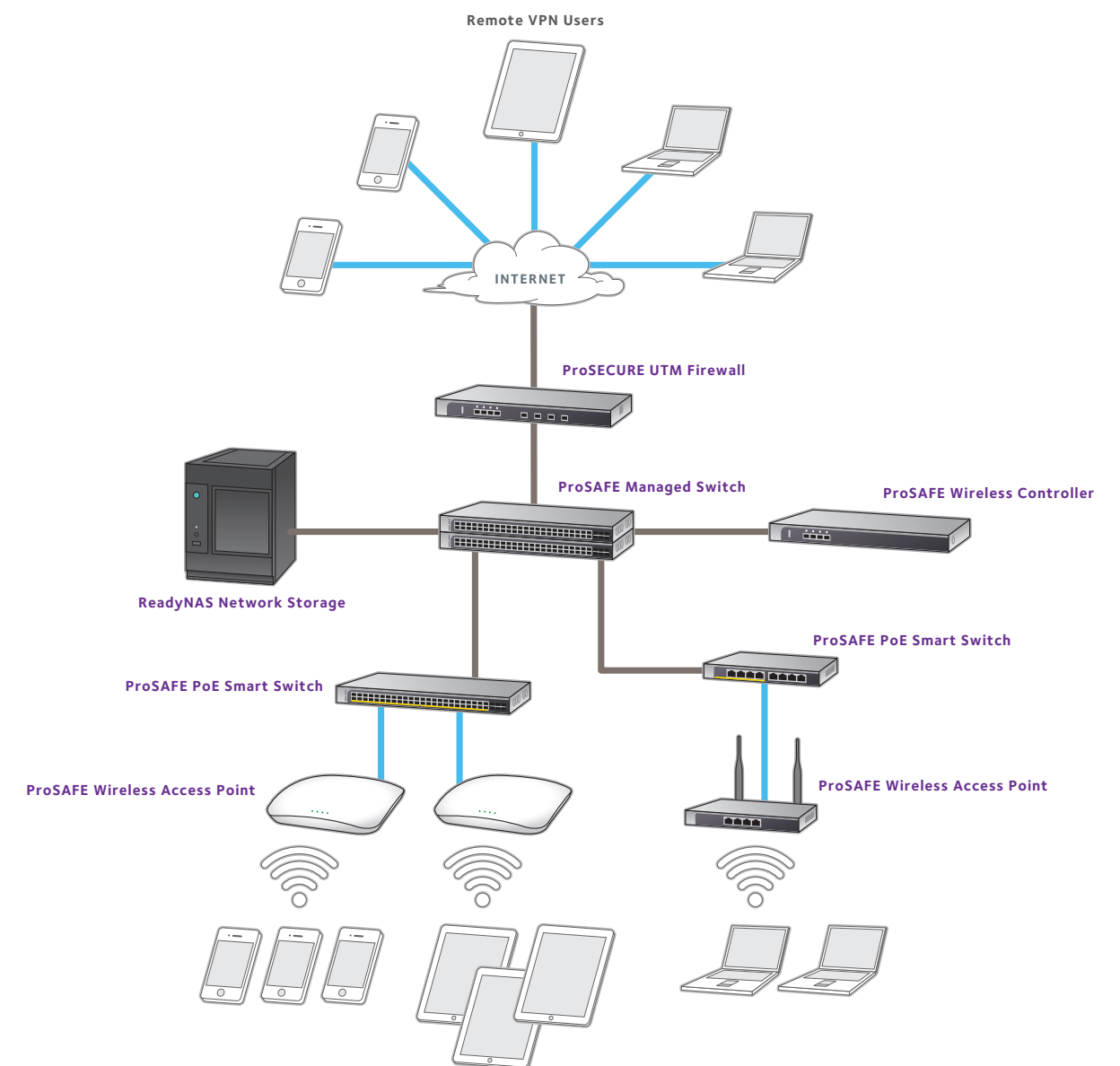


## Midmarket Solutions Mobility

The mobile device revolution is here, and users are demanding access like never before. Our customers tell us that connectivity is the easy part but management is equally important and often overlooked. Smart mobility projects make connectivity and management reliable, affordable and simple.

NETGEAR products can help you build solutions like:

- Resilient wireless networks that can carry converged voice, video and data traffic
- Stand-alone software, management appliances or wireless controller fabrics that scale with customer needs
- Power-over-Ethernet (PoE) switches to power any standard-based PD devices
- Centralized management for access points, controllers and switches
- Next Business Day Service and extended warranties covering all infrastructure components

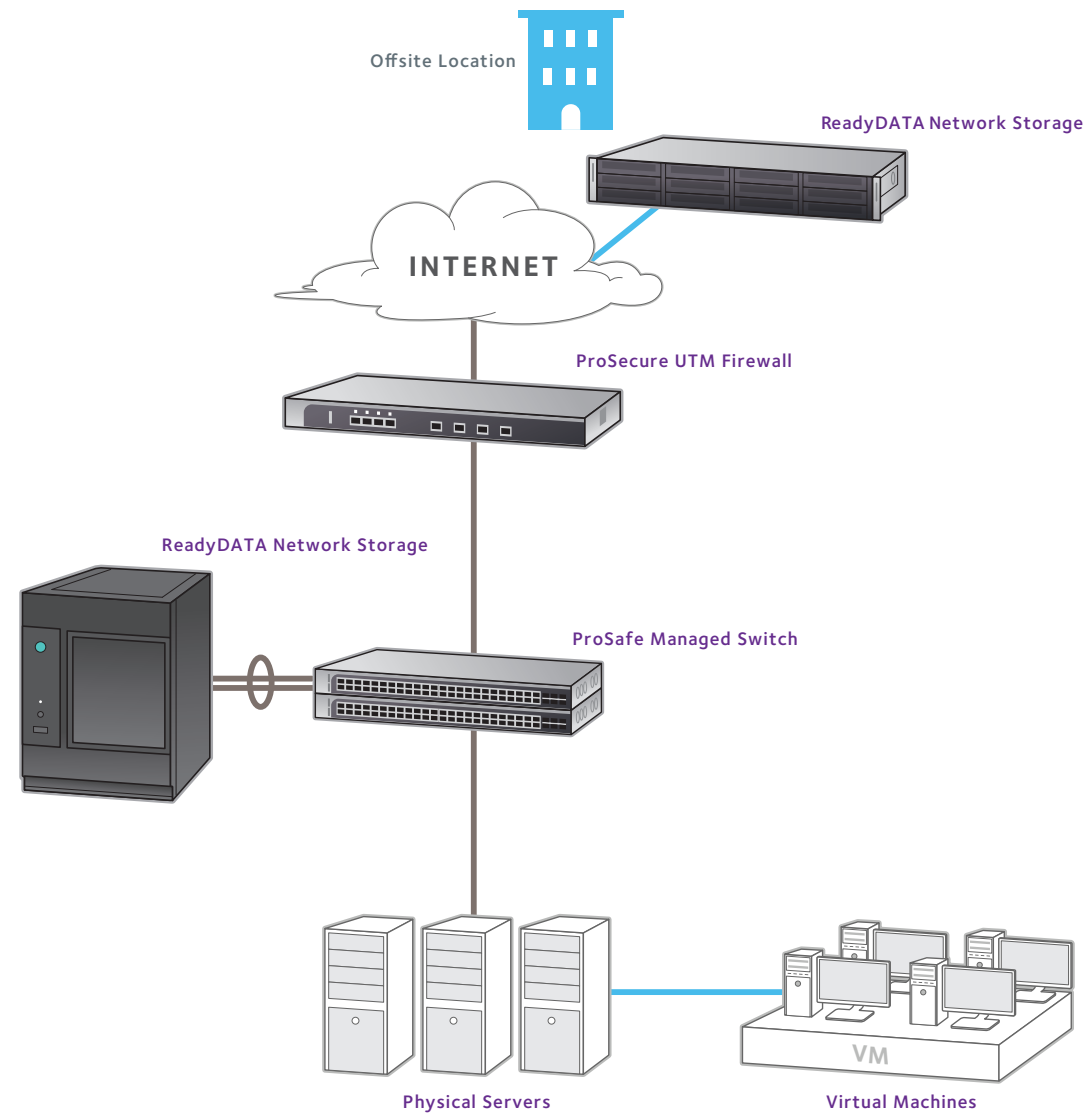


## Midmarket Solutions Backup to Disk

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.

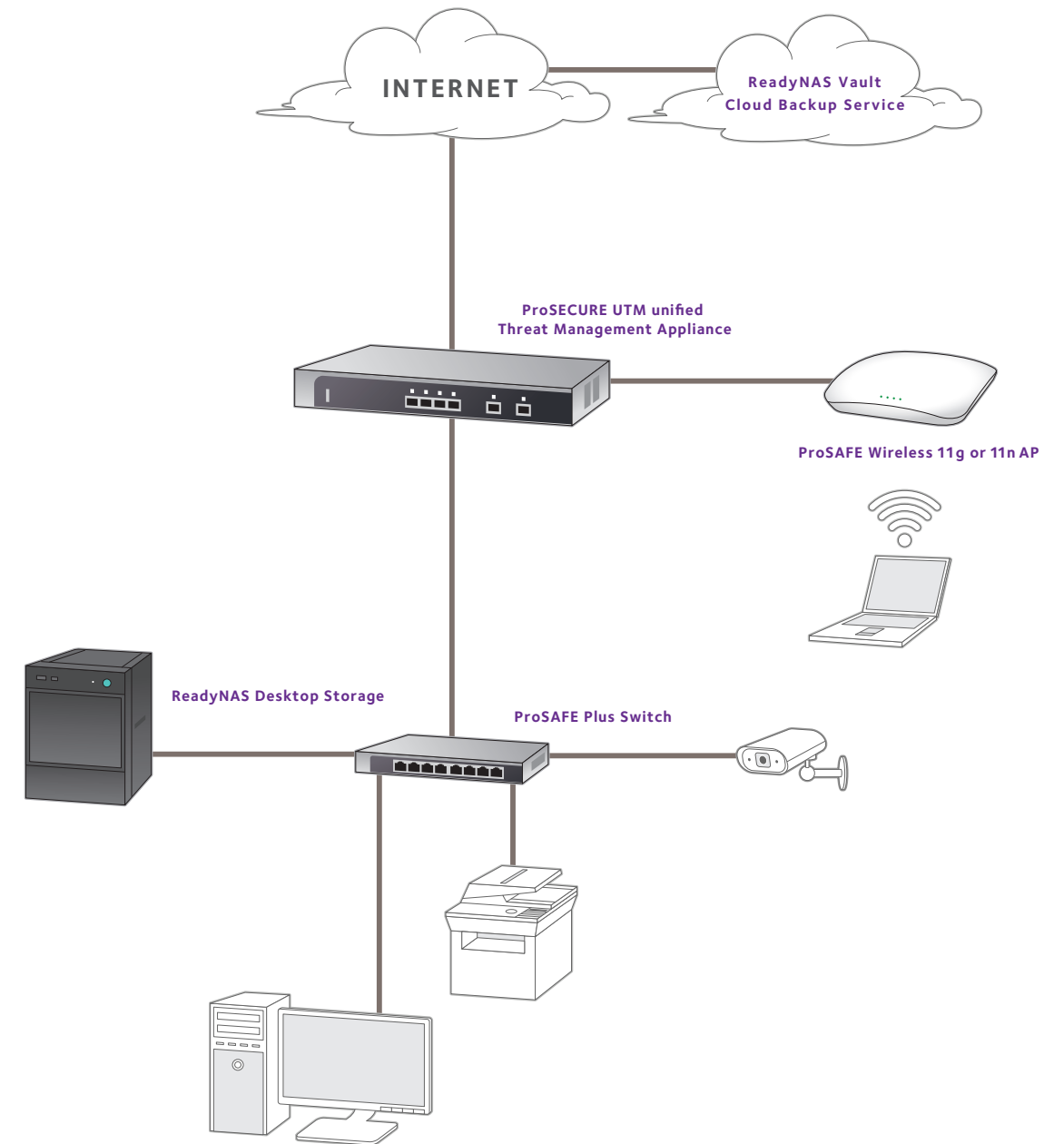
NETGEAR products can help you build solutions like:

- 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 on-going management



## Network Solution for Small Office and Home Office (SoHo), 1-5 Users

### Connection Setup



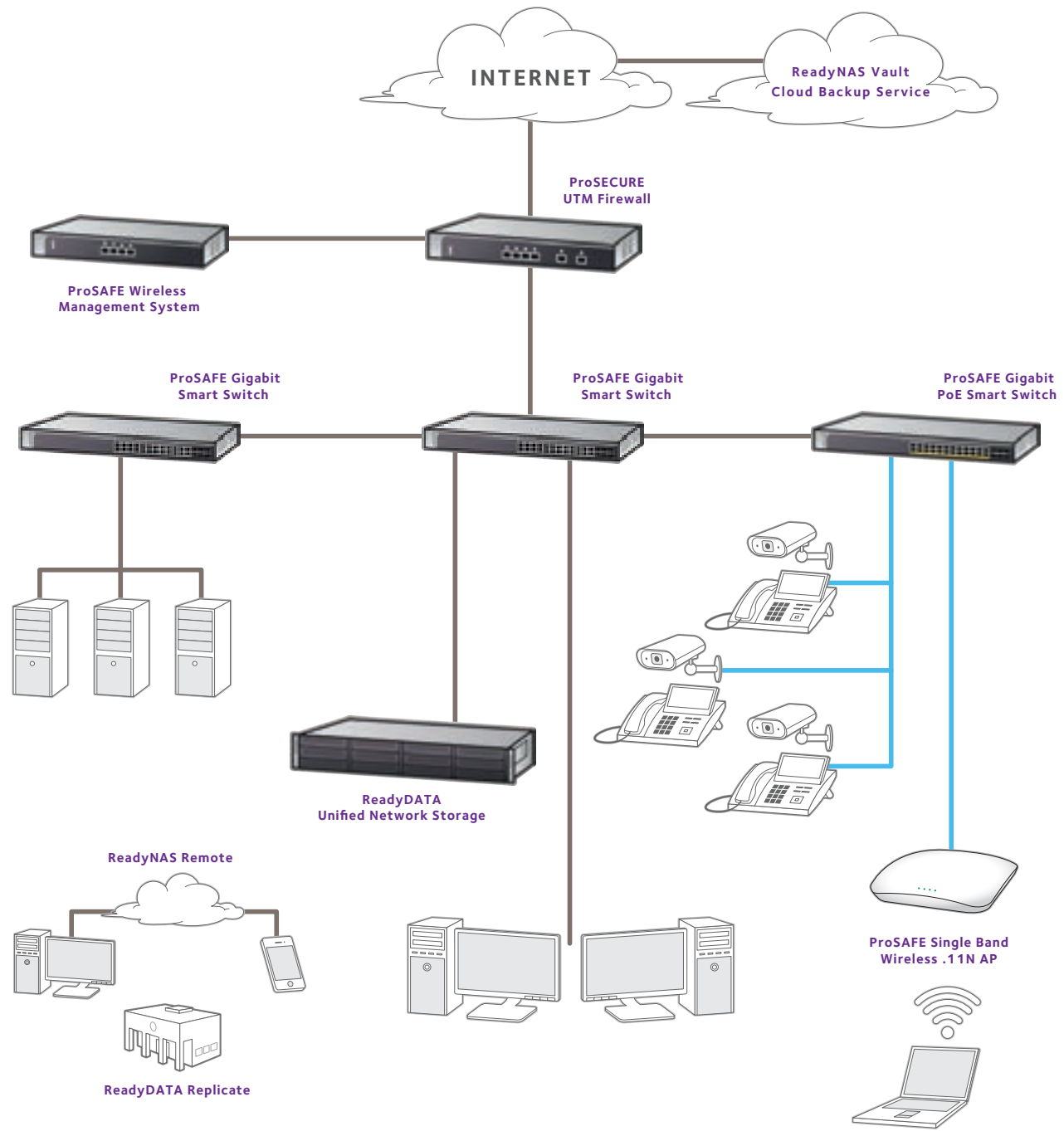
NETGEAR  
ProSAFE

NETGEAR  
ReadyNAS

NETGEAR  
ProSECURE

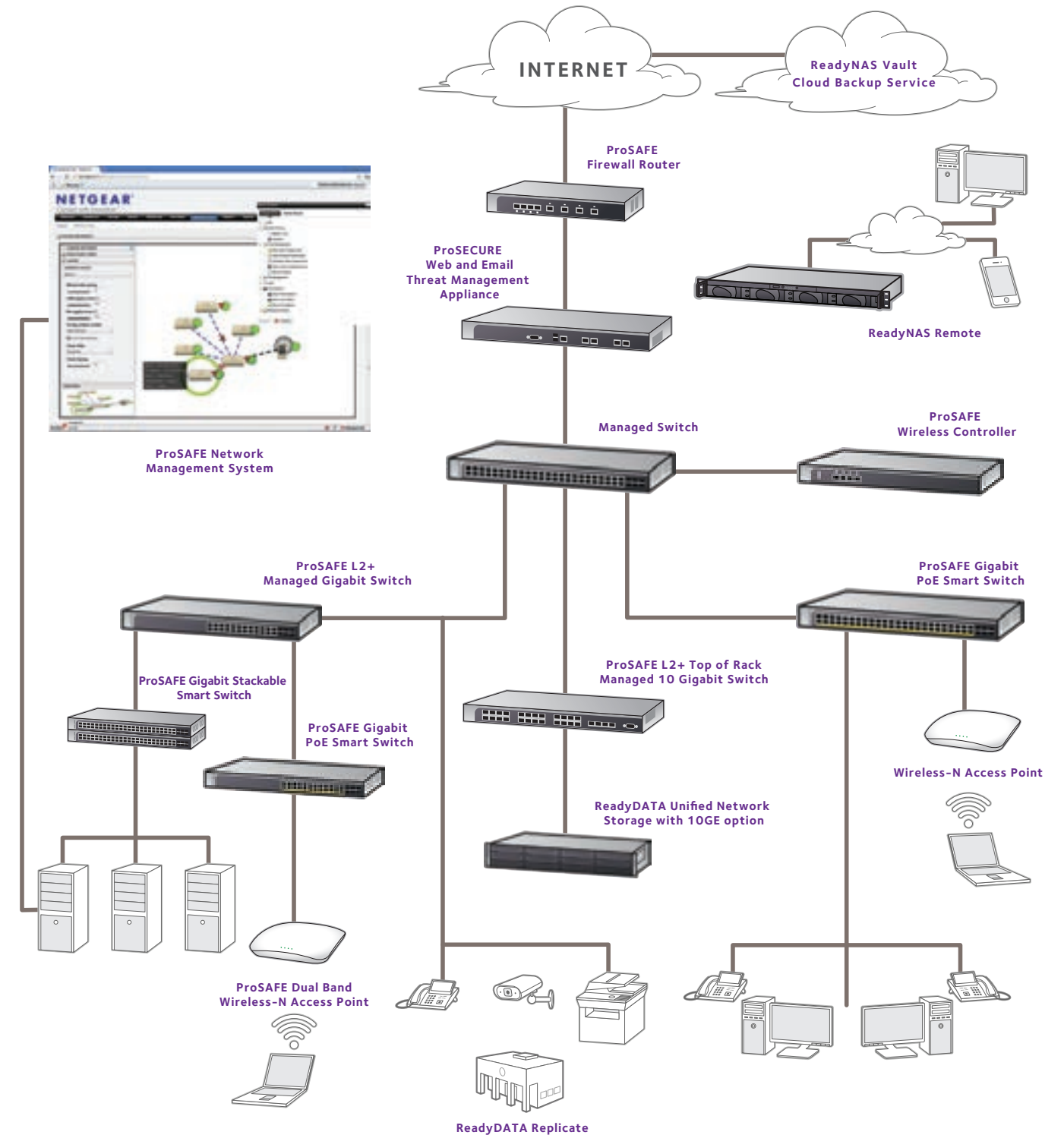
# Network Solution for a Small Business, 5-75 Users

## Connection Setup



# Network Solution for a Growing Mid-size Business, 75-250 Users

## Connection Setup

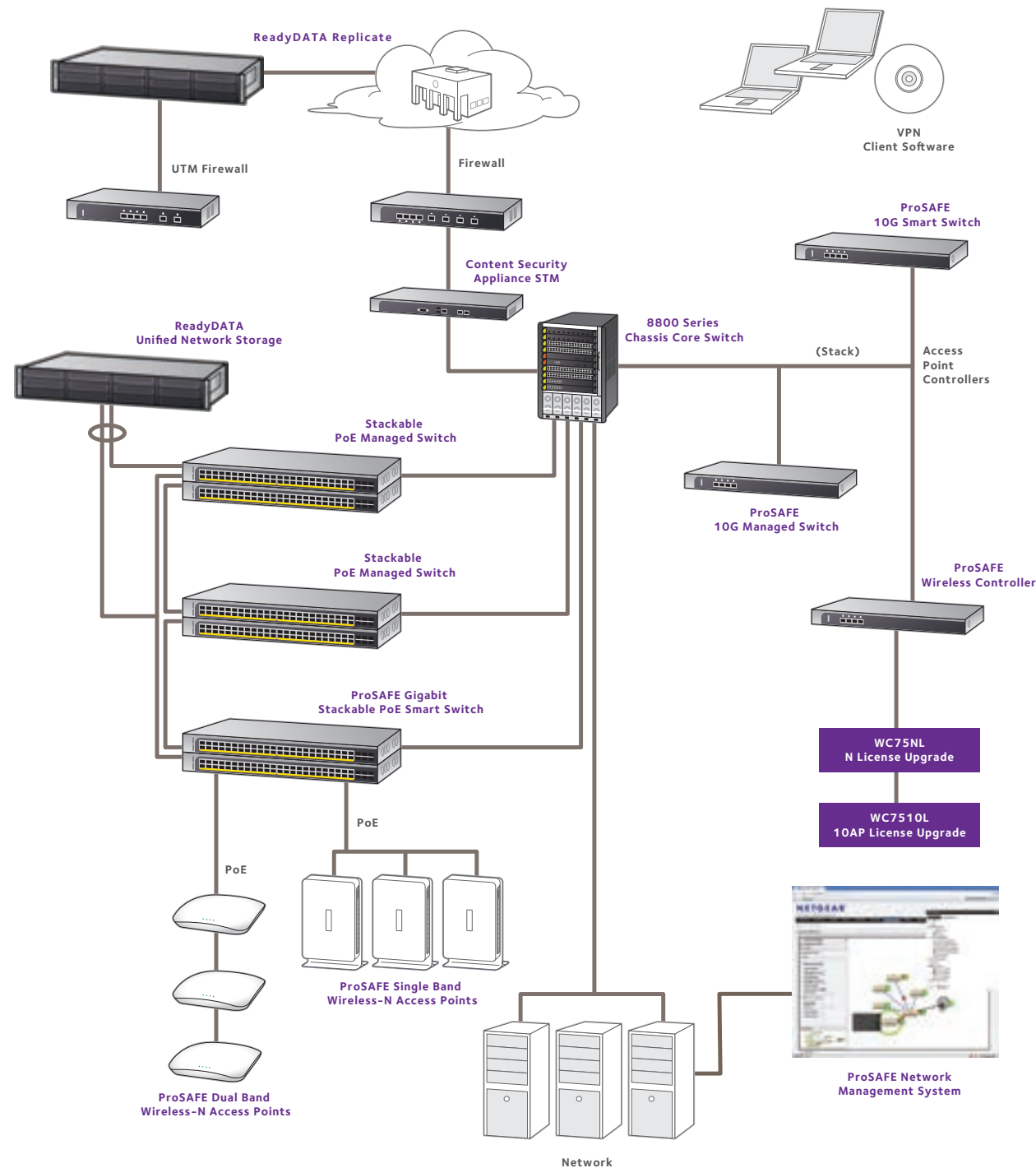






# Network Solution for an Enterprise Business, 250-500+ Users

## Connection Setup



## ProSAFE® Switches

NETGEAR delivers innovative switching solutions to consumers, businesses and service providers without the cost and complexity of big IT.

### Small to medium organizations

NETGEAR Unmanaged Switches provide instant and reliable network connectivity for businesses with no management required. NETGEAR offers a full range of configurations for unmanaged switches and are known for the best quality, high performance and reliability. NETGEAR's ProSAFE Plus Switches go beyond simple plug-and-play connectivity, empowering small businesses with the capabilities to monitor and configure their network at an affordable price. NETGEAR's Smart Switches are purposely designed as a cost-effective solution for small and medium businesses with an essential set of network features and easy-to-use web-based management. They come with a comprehensive portfolio of products, ranging from Fast Ethernet to Gigabit and 10-Gigabit, with options for PoE and stacking support. They are the ideal solutions for network upgrades, bringing network intelligence to the edge, and network convergence.

### Large organizations and campus networks

When requirements for network stability, reliability and availability exceed SMB Switches capabilities, NETGEAR lines of Managed switches make an unbeatable combination for performance, security and convergence. M5300 and M4100 edge series reinvent unified access layer in campus and enterprise networks with higher availability (RPS/EPS) and investment protection (PoE scalability). M7300 and M7100 series combine the latest advances in hardware and software engineering for 10 Gigabit Fiber (SFP+) and 10 Gigabit Copper (10GBASE-T) distribution at industry-leading, breakthrough price points. M8800 series consolidates network infrastructures for ultra-reliable core services.

## Switch Naming Convention

Unmanaged & PLUS Switches –  
How to read the product code



- J Unmanaged & Plus Rackmountable Switches
- FS Fast Ethernet
- 5 Number of Ports
- E PLUS
- F Fiber Ports



- GS Gigabit Ethernet
- 1 1 Series Desktop Switches
- 08 Number of Ports
- P PoE

## Smart Switches –

How to read the product code



- FS Fast Ethernet
- 7 7 Series Rackmountable Switches
- 28 Number of Ports
- T Smart Switches
- P PoE



- GS Gigabit Ethernet
- 7 7 Series Rackmountable Switches
- 48 Number of Ports
- T Smart Switches
- P PoE
- S Stackable

## Fully Managed Switches –

How to read the product code



- GS Gigabit Ethernet
- M Fully Managed
- 7 7 Series Rackmountable Switches
- 3 Layer 3
- 28 Number of Ports
- S Stackable



- XS 10 Gigabit Ethernet
- M Fully Managed
- 7 7 Series Rackmountable Switches
- 2 Layer 2+
- 24 Number of Ports
- S Stackable

## ProSAFE Switches



## NETGEAR ProSAFE



		Unmanaged, L2, 10/100 Fast Ethernet										
MODEL		FS105	FS108	FS108P	<span style="background-color: #008000; color: white; border-radius: 50%; padding: 2px;">GREEN</span>	FS116	FS116P	<span style="background-color: #008000; color: white; border-radius: 50%; padding: 2px;">GREEN</span>	JFS516	<span style="background-color: #008000; color: white; border-radius: 50%; padding: 2px;">GREEN</span>	JFS524	<span style="background-color: #008000; color: white; border-radius: 50%; padding: 2px;">GREEN</span>
Port Configuration	10/100 RJ45 Ports (Auto Uplink)	5	8	8		16	16		16		24	
	10/100/1000 RJ45 Ports (Auto Uplink)											
	Fiber Ports											
	10Gig Module Bays											
PoE	Power Over Ethernet 802.3af Ports			4			8					
	PoE Plus (30W) 802.3at Ports											
	Total PoE Budget			53 Watts			55 Watts					
Stacking	Number of Dedicated Stacking Ports											
	Stacking Bandwidth											
	Stacking (maximum capacity)											
	Stacking Compatibility											
Scalability	# MAC Addresses	1,000	1,000	1,000		4,000	4,000		8,000		8,000	
	ARP Table – Size of											
	# Routing Entries											
	# ACL Rules											
System Management	Single IP Management											
	Web Managed/GUI											
	Command Line Interface/RS232 Console/Telnet											
	SNMP Version											
	RMON Group											
	DHCP (Client/Server)											
	Port Mirroring											
	IPv6 full set											
Quality of Service	Number of Priority Queues			2		2	2		4		4	
	Traffic Prioritization				Honors 802.1p Priority Tags	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											
	IGMP Snooping Querier											
Performance	Bandwidth	1 Gbps	1.6 Gbps	1.6 Gbps		3.2 Gbps	3.2 Gbps		3.2 Gbps		4.8 Gbps	
	Buffer Memory	64 KB Per System	96 KB Per System	96 KB Per System		160 KB Per System	160 KB Per System		250 KB Per System		1.25 MB Per System	
	Jumbo Frames								Supports			
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s											
	RPS Redundant Power Supply											
	Modular Power Supply											
Traffic Management	Number of 802.1q Vlan/Number of Vlan Group											
	Link Agregation 802.3ad/LACP											
	Discovery Protocol LLDP 802.1ab											
	Rate Limiting											
L3 Routing	Broadcast Storm Control											
	IPv4 Static Routing											
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP											
	IPv6 Static Routing, IPv6 OSPFv3											
Security	IPv4 / IPv6 Multicast Routing PIM-SM/DM											
	IEEE 802.1x (RADIUS)											
	ACL - Access Control Lists											
	SSL/SSH & HTTPS											
	Guest VLAN											
Energy Efficiency	DHCP Snooping/IP Source Guard/ARP Guard											
	TACACS+											
	EEE 802.3az				Supports				Supports		Supports	
	Auto Port Power Down				Supports				Supports		Supports	
	Dynamic Power Consumption				Based on Cable Length				Based on Cable Length		Based on Cable Length	
Physical	Max Power Consumption	3.5 Watts	3.5 Watts	Only 3.1 Watts. PoE Delivery- 56.1 Watts Max		12 Watts	72 Watts		2.7 Watts		4 Watts	
	Desktop/Rackmount	D	D	D		D	D		R		R	
	Metal/Plastic Enclosure	M	M	M		M	M		M		M	
	MTBF	393,700 Hours	168,350 Hours	927,000 Hours		4,046,880 Hours	116,000 Hours		2,956,082 Hours		2,940,540 Hours	
Electromagnetic Compliance	Acoustic Noise at 25°C											
	Fan											
	Width x Depth x Height	94 x 103 x 27 mm (3.7 x 4.1 x 1.1 in.)	158 x 102 x 27 mm (6.2 x 4.1 x 1.1 in.)	235 x 103 x 7mm (9.3 x 4.1 x 1.1 in.)		287 x 103 x 27 mm (11.3 x 4.1 x 1.1 in.)	287 x 103 x 27 mm (11.3 x 4.1 x 1.1 in.)		280 x 126 x 44 mm (11.0 x 5.0 x 1.7 in.)		280 x 126 x 44 mm (11.0 x 5.0 x 1.7 in.)	
	Weight	0.28 kg (0.62 lb)	0.475 kg (1.05 lb)	0.69 kg (1.7 lb)		0.8 kg (2.0 lb)	0.84 kg (2.0 lb)		0.92 Kg (2.03 lbs)		1.00 Kg (2.20 lbs)	
Warranty Hardware	Class (A or B)	B	A	B	A	A		A		A		
Warranty Power Supply		Lifetime	Lifetime	Lifetime		Lifetime	Lifetime		Lifetime		Lifetime	
Modules		2 Year	2 Year	2 Year		2 Year	2 Year		Lifetime		Lifetime	
Prosupport Maintenance PKGS	On Call 24 x 7/XPRESSHW	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331		PMB0331/PRR0331	PMB0331/PRR0331		PMB0331/PRR0331		PMB0331/PRR0331	



\*\*Next business day onsite replacement support. Advanced registration required. For a list of countries where service is available, and terms and conditions visit <http://onsite.netgear.com>.  
\*\*\*Only available in Asia and Europe

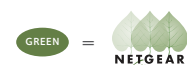
# ProSAFE Switches



## NETGEAR ProSAFE



		Unmanaged, L2, Gigabit								ProSAFE plus, L2, 10/100 Fast Ethernet		ProSAFE plus, L2, Gigabit				
MODEL		GS105	GS108	GS108P	GS116	JGS516	JGS524	JGS524F	FS116E	JFS524E	GS105E	GS108EV2	GS108PEV2	GS116E	JGS524E	
Port Configuration	10/100 RJ45 Ports (Auto Uplink)															
	10/100/1000 RJ45 Ports (Auto Uplink)	5	8	8	16	16	24	24	16	24	5					
	Fiber Ports							2 SFP								
	10Gig Module Bays															
PoE	Power Over Ethernet 802.3af Ports			4												
	PoE Plus (30W) 802.3at Ports															
	Total PoE Budget			50 W												
Stacking	Number of Dedicated Stacking Ports															
	Stacking Bandwidth															
	Stacking (maximum capacity)															
	Stacking Compatibility															
Scalability	# MAC Addresses	4,000	4,000	4,000	8,000	8,000	8,000	8,000	4,000	4,000		4,000	4,000	8,000	8,000	
	ARP Table - Size of															
	# Routing Entries															
	# ACL Rules															
System Management	Single IP Management															
	Web Managed/GUI															
	Command Line Interface/RS232 Console/Telnet															
	SNMP Version															
	RMON Group															
	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	Many-to-One	Many-to-One	
Quality of Service	IPV6 full set															
	Number of Priority Queues	4	4	4	4	4	4	4	2	2	4	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	honors 802.1p priority tags	honors 802.1p priority tags	honors 802.1p priority tags	802.1p, Port-based	802.1p, Port-based	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	
	IGMP Snooping Querier															
Performance	Bandwidth	10 Gbps	16 Gbps	16 Gbps	32 Gbps	32 Gbps	48 Gbps	48 Gbps	3.2 Gbps	4.8 Gbps	10 Gbps	16 Gbps	16 Gbps	32 Gbps	48 Gbps	
	Buffer Memory	128 KB Per System	192 KB Per System	192 KB Per System	250KB Per System	250KB Per System	250KB Per System	250KB Per System	160 KB Per System	160 KB Per System	128KB	192 KB	192 KB	512 KB	512 KB	
	Jumbo Frames	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Availability	Spanning Tree 802.1d/RSTP.1w/MSTP.1s															
	RPS Redundant Power Supply															
	Modular Power Supply															
Traffic Management	Number of 802.1q Vlan/Number of Vlan Group								16	24	32	32	32	64	128	
	Link Agregation 802.3ad/LACP														Manual LAG	
	Discovery Protocol LLDLP 802.1ab															
	Rate Limiting								•	•	•	•	•	•	•	
L3 Routing	Broadcast Storm Control								•	•	•	•	•	•	•	
	IPv4 Static Routing															
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP															
	IPv6 Static Routing, IPv6 OSPFv3															
Security	IPv4 / IPv6 Multicast Routing PIM-SM/DM															
	IEEE 802.1x (RADIUS)															
	ACL - Access Control Lists															
	SSL/SSH & HTTPS															
	Guest VLAN															
Energy Efficiency	DHCP Snooping/IP Source Guard/ARP Guard															
	TACACS+															
	EEE 802.3az	Supports	Supports		Supports	Supports	Supports	Supports			•					
	Auto Port Power Down	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Dynamic Power Consumption		•	•	•	•	•	•	•	•	•	•	•	•	•	
Physical	Max Power Consumption	3.67 Watts	4.86 Watts	6.9 Watts (without PoE load)	9.5 Watts	12 Watts	18 Watts	18.2 Watts	5.46 Watts	5.9 Watts	4 Watts	4 Watts	51.1 Watts	13.5 Watts	16.6 Watts	
	Desktop/Rackmount	D	D	D	D	R	R	R	D	R	D	D	D	D	R	
	Metal/Plastic Enclosure	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
	MTBF	8,815,772 Hours	1,044,500 Hours	2,752,270 Hours	554,582 Hours	441,123 Hours	220,178 Hours	322,000 Hours	4,046,880 Hours	1,952,478 Hours	5,905,968 Hours	5,701,574 Hours	3,649,507 Hours	2,806,154 Hours	1,262,700 Hours	
	Acoustic Noise at 25°C										0 dBA	0	0	0	0	
	Fan											0	0	0	0	
	Width x Depth x Height	99 x 102 x 27 mm (3.7 x 4.1 x 1.1 in.)	158 x 101 x 27 (6.2 x 4.0 x 1.1 in.)	235 x 103 x 27 mm (9.25 x 4.06 x 1.06 in.)	285 x 103 x 27 mm (11.22 x 4.06 x 1.06 in.)	328 x 169 x 43 mm (13 x 6.7 x 1.7 in.)	328 x 169 x 43 mm (13 x 6.7 x 1.7 in.)	328 x 169 x 43 mm (13 x 6.7 x 1.7 in.)	328 x 169 x 43mm (13 x 6.7 x 1.7 in.)	287 x 103 x 27 mm (11.3 x 4.1 x 1.1 in.)	330 x 173 x 43 mm (13 x 6.8 x 1.7 in.)	94 x 104 x 28 mm (3.7 x 4.1 x 1.1 in.)	158 x 105 x 27 (6.2 x 4.0 x 1.1 in.)	235 x 103 x 27 mm (9.25 x 4.06 x 1.06 in.)	287 x 103 x 27 mm (11.3 x 4.1 x 1.1 in.)	330 x 173 x 43 mm (13 x 6.8 x 1.7 in.)
Weight	0.264 kg (0.58 lb)	0.52 kg (1.15 lb)	0.732 Kg (1.61 lb)	0.896 Kg (1.98 lb)	1.47 kg (3.57 lb)	1.65 kg (3.64 lb)	1.69 kg (3.72 lb)	0.81 kg (1.79 lb)	1.43 kg (3.15 lb)	0.3 kg (0.66 lb)	0.55 kg (1.2 lbs)	0.726 kg (1.6 lbs)	0.81 kg (1.79 lb)	1.43 kg (3.15 lb)		
Electromagnetic Compliance	Class (A or B)	A	B	B	A	A	A	A	A	A	B	B	A	A	A	
Warranty Hardware		Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	
Warranty Power Supply		2 Year	2 Year	2 Year	2 Year	Lifetime	Lifetime	Lifetime	2 Year	Lifetime	2 Year	Lifetime	Lifetime	Lifetime	Lifetime	
Modules								AGM731F/732F								
ProSupport Maintenance PKGS	On Call 24 x 7/XPRESSHW	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	





# ProSAFE Switches



## NETGEAR ProSAFE



MODEL	ProSAFE plus, L2, 10 GIGABIT						Smart Managed, L2, 10/100 Fast Ethernet						Smart Managed, L2, Gigabit						NEW GREEN	NEW GREEN	NEW GREEN
	XS708E	NEW FS726T	FS726TP	FS728TP GREEN	FS750T2	FS752TP	GS108T GREEN	GS110TP GREEN	GS716T GREEN	GS724T GREEN	GS748T	GS728TP GREEN	NEW GS728TPP GREEN	NEW GS752TP GREEN							
Port Configuration	10/100 RJ45 Ports (Auto Uplink)		24	24	24	48	48														
	10/100/1000 RJ45 Ports (Auto Uplink)	8 10GBase-T	2	2	4	2	4	8	8	16	24	48	24	48							
	Fiber Ports	1 Combo SFP+ (10G)	1 SFP	2 SFP	2 SFP	2 SFP	4 SFP	2 SFP	2 SFP	2 SFP	4 SFP	4 dedicated SFP	4 dedicated SFP	4 dedicated SFP							
	10Gig Module Bays																				
PoE	Power Over Ethernet 802.3af Ports			12	24		48		8				24	24	48						
	PoE Plus (30W) 802.3at Ports				4		4					8	24	8							
	Total PoE Budget			100 Watts	192 Watts		384 Watts		46 Watts			192 Watts	384 Watts	384 Watts							
Stacking	Number of Dedicated Stacking Ports																				
	Stacking Bandwidth																				
	Stacking (maximum capacity)																				
Scalability	Stacking Compatibility																				
	# MAC Addresses	32,000	4,000	4,000	4,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000							
	ARP Table - Size of						512					1,024	1,024	1,024							
	# Routing Entries						10					32	32	32							
System Management	# ACL Rules				128		128	64	64	100	100	100	400	400	400						
	Single IP Management						•														
	Web Managed/GUI		•	•	•	•	•	•	•	•	•	•	•								
	Command Line Interface/RS232 Console/Telnet																				
	SNMP Version		v1, v2c	v1, v2c	v1, v2c, v3	v1, v2c	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	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	1,2,3,9	1,2,3,9	1,2,3,9	1,2,3,9							
	DHCP (Client/Server)	Client	Client	Client	Client	Client	Client	Client	Client	Client	Client	Client	Client	Client							
	Port Mirroring	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One							
Quality of Service	IPv6 full set						•														
	Number of Priority Queues	4	2	2	4	4	8	4	4	4	8	4	4								
	Traffic Prioritization	802.1p, Port-Based	802.1p, Port-Based	802.1p, Port-Based	802.1p, DSCP, Diffserv	802.1p	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP						
Multicast Filtering	Auto Voice VLAN				•		Supports														
	IGMP Snooping Version	v1, v2 and v3	v1	v1	v1, v2, v3		v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3								
Performance	IGMP Snooping Querier				•																
	Bandwidth	160Gbps	8.8 Gbps	8.8 Gbps	12.8 Gbps	13.6 Gbps	17.6 Gbps	16 Gbps	16 Gbps	32 Gbps	48 Gbps	100 Gbps	48 Gbps	56 Gbps	104 Gbps						
	Buffer Memory	2 MB Per System	250 KB	250 KB	1 MB Per System	250 KB	1.5 MB	512 KB per unit	512 KB per unit	512 KB	512 KB	2 MB Per System	2 MB Per System	2 MB Per System	8 MB Per System						
Availability	Jumbo Frames	•					Yes	Yes	Yes	•	•	•	•								
	Spanning Tree 802.1d/RSTP .1w/MSTP .1s		80.2.1d	80.2.1d	802.1d, .1w, .1s	80.2.1d	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s							
Traffic Management	RPS Redundant Power Supply																				
	Modular Power Supply																				
	Number of 802.1q Vlan/Number of Vlan Group	64	64	64	128	64	256	64	64	128	128	128	256	256	256						
	Link Aggregation 802.3ad/LACP	Manual LAG	•	•	•	•	•	•	•	•	•	•	•	•							
	Discovery Protocol LLDP 802.1ab				•		•	•	•	•	•	•	•	•							
L3 Routing	Rate Limiting	•	•	•	•	•	•	•	•	•	•	•	•								
	Broadcast Storm Control	•	•	•	•	•	•	•	•	•	•	•	•								
	IPv4 Static Routing						Supports														
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP																				
Security	IPv6 Static Routing, IPv6 OSPFv3																				
	IPv4 / IPv6 Multicast Routing PIM-SM/DM																				
	IEEE 802.1x (RADIUS)				Supports		•	•	•	•	•	•	•								
	ACL - Access Control Lists				MAC, IP		MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP							
	SSL/SSH & HTTPS				•		•	•	•	•	•	•	•	•							
	Guest VLAN				•		•	•	•	•	•	•	•								
Energy Efficiency	DHCP Snooping/IP Source Guard/ARP Guard				•		•	•	•	•	•	•	•								
	TACACS+				•		•	•	•	•	•	•	•								
	Energy Star				•		•	•	•	•	•	•	•								
	Auto Port Power Down				•		•	•	•	•	•	•	•								
	Dynamic Power Consumption				•		•	•	•	•	•	•	•								
Physical	Max Power Consumption	58.8 Watts	13 Watts	122 Watts	256 Watts	19.65 Watts	500 Watts	12.78 Watts if powered by PoE via port 1 8.3 Watts (AC) 6 Watt (DC)	60 Watts	16.5 Watts	21.5 Watts	66 Watts	264 Watts	483.5 Watts	512.8 Watts						
	Desktop/Rackmount	R	R	R	R	R	R	D	D	R	R	D	R	R							
	Metal/Plastic Enclosure	M	M	M	M	M	M	M	M	M	M	M	M	M							
	MTBF	221,813 hours	305,000 Hours	327,000 Hours	237,497 Hours	59,880 Hours	230,731 Hours	275,533 hrs	157,004 hrs	307,681 hours	282,515 hours	108,000 Hours	345,901 Hours	247,163 Hours	220,447 Hours						
	Acoustic Noise at 25°C	34.7dBA	0 dBA	42.9 dBA	38.1 dBA	0 dBA	34.5 dBA	0 dBA	0 dBA	0 dBA	0 dBA	52 dBA	31.8 dBA	31.8 dBA	44.9 dBA						
	Fan	2		•	•		•						•	•	•						
	Width x Depth x Height	330 x 207 x 43 mm (13 x 8.2 x 1.7 in)	440 x 205 x 43 mm (17.3 x 8.1 x 1.7 in.)	440 x 205 x 43 mm (17.3 x 8.1 x 1.7 in.)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 205 x 43 mm (17.3 x 8.1 x 1.7 in)	440 x 316 x 43 mm (17.3 x 8.1 x 1.7 in)	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)	43 x 440 x 205 mm (1.7 x 17.3 x 8 in)	43 x 440 x 205 mm (1.7 x 17.3 x 8 in)	440 x 305 x 43mm (17.3 x 12.0 x 1.7in)	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	3.6 kg (6.5 lb)	2.5 kg (5.5 lb)	3.0 kg (6.6 lb)	3.6 kg (7.92 lb)	3.2 kg (7.0 lb)	4.87 kg (9.5 lb)	0.56 kg (1.23 lb)	0.7kg (1.54 lb)	2.6 kg (5.6 lb)	2.7 kg (5.9 lb)	4.9 kg/10.8 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	A	B	A	A	A	A	A	A							
Warranty Hardware	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime							
Warranty Power Supply	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime							
Modules	AGM731F/AGM732F; AXM761/AXM762/AXM763	AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F		AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F						
ProSupport Maintenance PKGS	On Call 24 x 7/XPRESSHW	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0332/PRR0332	PMB0332/PRR0332	PMB0332/PRR0332						

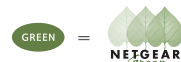


# ProSAFE Switches



		Smart Managed, L2, Gigabit												Smart Managed, L2, 10 Gigabit	
MODEL		GS724TP	GS748TP	GS728TSB	GS752TSB	GS728TPSB	GS752TPSB	GS724TS	GS748TS	GS724TPS	GS748TPS	GS728TXS	GS752TXS	XS712T	
Port Configuration	10/100 RJ45 Ports (Auto Uplink)														
	10/100/1000 RJ45 Ports (Auto Uplink)	24	48	24	48	24	48	24	48	24	48	24	48	12 10GBase-T	
	Fiber Ports	2 SFP	4 SFP	4 SFP	4 SFP	4 SFP	4 SFP	4 SFP	4 SFP	4 SFP	4 SFP	4 SFP+ (10G)	4 SFP+ (10G)	2 Combo SFP+ (10G)	
PoE	10Gig Module Bays														
	Power Over Ethernet 802.3af Ports	24	48			24	48			24	48				
	PoE Plus (30W) 802.3at Ports					8				4					
Stacking	Total PoE Budget	192 Watts	384 Watts			192 Watts	384 Watts			192 Watts	384 Watts				
	Number of Dedicated Stacking Ports			2 SFP (2.5G)	2 SFP (2.5G)	2 SFP (2.5G)	2 SFP (2.5G)	2 HDMI	2 HDMI	2 HDMI	2 HDMI	2	2		
	Stacking Bandwidth			10 Gbps	10 Gbps	10 Gbps	10 Gbps	5 Gbps	5 Gbps	5 Gbps	5 Gbps	40 Gbps	40 Gbps		
Scalability	Stacking (maximum capacity)			6 units or 300 ports	6 units or 300 ports	6 units or 300 ports	6 units or 300 ports	6 units or 288 ports	6 units or 288 ports	6 units or 288 ports	6 units or 288 ports	6 units or 300 ports	6 units or 300 ports		
	Stacking Compatibility			GS7XTSB/GSXXTPSB	GS7XTSB/GSXXTPSB	GS7XTSB/GSXXTPSB	GS7XTSB/GSXXTPSB	GS7XTS/GSXXTPS	GS7XTS/GSXXTPS	GS7XTS/GSXXTPS	GS7XTS/GSXXTPS	GS7xxTXS	GS7xxTXS		
	# MAC Addresses	8,000	8,000	16,000	16,000	16,000	16,000	8,000	8,000	8,000	8,000	16,000	16,000	32,000	
System Management	ARP Table – Size of			1,024	1,024	1,024	1,024					1,024	1,024	1,024	
	# Routing Entries			32	32	32	32					32	32	32	
	# ACL Rules	256	256	256	256	256	256	128	128	128	128	100	100	100	
Quality of Service	Single IP Management	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Web Managed/GUI	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Command Line Interface/RS232 Console/Telnet	•	•	•	•	•	•	•	•	•	•	•	•	•	
Multicast Filtering	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	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	1,2,3,9	1,2,3,9	1,2,3,9	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	Client	Client	Client	Client	Client	Client/Server	Client/Server	Client/Server	
Performance	Port Mirroring	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	Many-to-One	
	IPV6 full set	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Number of Priority Queues	4	4	8	8	8	8	4	4	4	4	8	8	8	
Availability	Traffic Prioritization	802.1p, DSCP	802.1p, DSCP	802.1p	802.1p	802.1p	802.1p	802.1p, DSCP	802.1p, DSCP	802.1p, DSCP	802.1p, DSCP	802.1p, DSCP	802.1p, DSCP	802.1p, DSCP	
	Auto Voice VLAN	•	•	•	•	•	•	•	•	•	•	•	•	•	
	IGMP Snooping Version	v1, v2	v1, v2	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2	v1, v2	v1, v2	v1, v2	v1, v2, v3	v1, v2, v3	v1, v2, v3	
Traffic Management	IGMP Snooping Querier	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Bandwidth	48 Gbps	96 Gbps	56 Gbps	104 Gbps	56 Gbps	104 Gbps	48 Gbps	96 Gbps	48 Gbps	96 Gbps	128 Gbps	176 Gbps	240 Gbps	
	Buffer Memory	375 KB	750 KB	2 MB Per System	2 MB Per System	2 MB Per System	2 MB Per System	375 KB	750 KB	375 KB	750 KB	2 MB	2 MB	16 MB	
L3 Routing	Jumbo Frames	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	
	RPS Redundant Power Supply	•	•	•	•	•	•	•	•	•	•	•	•	•	
Security	Modular Power Supply	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Number of 802.1q Vlan/Number of Vlan Group	128	128	256	256	256	256	128	128	128	128	256	256	256	
	Link Aggregation 802.3ad/LACP	•	•	•	•	•	•	•	•	•	•	•	•	•	
Energy Efficiency	Discovery Protocol LLDP 802.1ab	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Rate Limiting	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Broadcast Storm Control	•	•	•	•	•	•	•	•	•	•	•	•	•	
Physical	IPv4 Static Routing	•	•	•	•	•	•	•	•	•	•	•	•	•	
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP	•	•	•	•	•	•	•	•	•	•	•	•	•	
	IPv6 Static Routing, IPv6 OSPFv3	•	•	•	•	•	•	•	•	•	•	•	•	•	
Warranty Hardware	IPv4 / IPv6 Multicast Routing PIM-SM/DM	•	•	•	•	•	•	•	•	•	•	•	•	•	
	IEEE 802.1x (RADIUS)	•	•	•	•	•	•	•	•	•	•	•	•	•	
	ACL - Access Control Lists	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	
Warranty Power Supply	SSL/SSH & HTTPS	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Guest VLAN	•	•	•	•	•	•	•	•	•	•	•	•	•	
	DHCP Snooping	•	•	•	•	•	•	•	•	•	•	•	•	•	
Modules	TACACS+	•	•	•	•	•	•	•	•	•	•	•	•	•	
	EEE 802.3az	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Auto Port Power Down	•	•	•	•	•	•	•	•	•	•	•	•	•	
ProSupport Maintenance PKGS	Dynamic Power Consumption	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Max Power Consumption	260 Watts	570 Watts	29.7 Watts	77 Watts	236 Watts	527 Watts	35.1 Watts	78.36 Watts	235 Watts	530 Watts	31.4 Watts	77 Watts	Support	
	Desktop/Rackmount	R	R	R	R	R	R	R	R	R	R	R	R	R	
Electromagnetic Compliance	Metal/Plastic Enclosure	M	M	M	M	M	M	M	M	M	M	M	M	M	
	MTBF	165,589 Hours	147,559 Hours	595,422 Hours	303,219 Hours	530,911 Hours	206,539 Hours	167,300 Hours	125,500 Hours	116,000 Hours	143,890 Hours	677,816 Hours	256,119 Hours	211,197 Hours	
	Acoustic Noise at 25°C	46.5 dBA	44.8 dBA	30.6 dBA	34.8 dBA	34.8 dBA	42.7 dBA	52.7 dBA	46 dBA	43 dBA	32.9 dBA	34.8dBA	49.7 dBA		
Warranty Hardware	Fan	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Width x Depth x Height	40 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 387 x 43 mm (17.3 x 15.2 x 1.7 in)	440 x 257 x 43 mm (17.3 x 8.1 x 1.7 in)	440 x 257 x 43 mm (17.3 x 11.8 x 1.7 in)	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 205 x 43 mm (17.3 x 8.1 x 1.7 in)	440 x 300 x 43 mm (17.3 x 11.8 x 1.7 in)	440 x 310 x 43 mm (17.3 x 12.2 x 1.7 in)	440 x 431 x 43 mm (17.3 x 17.0 x 1.7 in)	440 x 257 x 43 mm (17.3 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	3.7 kg (8.1 lb)	6.6 kg (14.5 lb)	3.34 kg (6.33 lb)	4.31 kg (11.38 lb)	3.88 kg (10.82 lb)	5.48 kg (16.02 lb)	2.87 kg (6.33 lb)	5.16 kg (11.38 lb)	4.92 kg (10.82 lb)	7.28 kg (16.02 lb)	3.55 kg (7.8 lb)	4.5 kg (10 lb)	4.04 kg (8.9 lb)	
Warranty Power Supply	Class (A or B)	A	A	A	A	A	A	A	A	A	A	A	A	A	
	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	
	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	
Modules	AGM731F/732F	AGM731F/732F	AGM731F/732F/AGC761	AGM731F/732F/AGC761	AGM731F/732F/AGC761	AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/AGM732F; AXM761/AXM762/AXM763 /AXC761/AXC763	AGM731F/AGM732F; AXM761/AXM762/AXM763 /AXC761/AXC763	AGM731F/AGM732F; AXM761/AXM762/AXM763 /AXC761/AXC763	
	On Call 24 x 7/XPRESSHW	PMB0332/PRR0332	PMB0332/PRR0332	PMB0331/PRR0331	PMB0331/PRR0331	PMB0332/PRR0332	PMB0332/PRR0332	PMB0331/PRR0331	PMB0331/PRR0331	PMB0332/PRR0332	PMB0332/PRR0332	PMB0334/PRR0334	PMB0334/PRR0334	PMB0334/PRR0334	

\* see <http://onsite.netgear.com> for coverage, availability and terms and conditions





# ProSAFE Switches



**Fully Managed, M5300 series (L2+ with static routing and L3 license upgrades, or L3 versions), Gigabit**

MODEL	M5300-28G (GSM7228S)	M5300-52G (GSM7252S)	M5300-28G-POE+ (GSM7228PS)	M5300-52G-POE+ (GSM7252PS)	M5300-28G3 (GSM7328S)	M5300-52G3 (GSM7352S)	M5300-28GF3 (GSM7328FS)	Fully Managed, M7100 series (L2+ with static routing), 10 Gigabit	Fully Managed, M7300 series (L2+ with static routing and L3 license upgrade), 10 Gigabit	Fully Managed, M8800 series (L3 with Advanced Core license upgrade), Gigabit and 10 Gigabit	XCM8806	XCM8810
<b>Port Configuration</b>	10/100 RJ45 Ports (Auto Uplink)	10/100/1000 RJ45 Ports (Auto Uplink)	10/100/1000 RJ45 Ports (Auto Uplink)	10/100/1000 RJ45 Ports (Auto Uplink)	10/100/1000 RJ45 Ports (Auto Uplink)	10/100/1000 RJ45 Ports (Auto Uplink)	10/100/1000 RJ45 Ports (Auto Uplink)	10/100/1000 RJ45 Ports (Auto Uplink)	10/100/1000 RJ45 Ports (Auto Uplink)	10/100/1000 RJ45 Ports (Auto Uplink)	10/100/1000 RJ45 Ports (Auto Uplink)	10/100/1000 RJ45 Ports (Auto Uplink)
<b>PoE</b>	Power Over Ethernet 802.3af Ports	PoE Plus (30W) 802.3at Ports	Total PoE Budget	380W standard / up to 720W with EPS	380W standard / up to 1,440W with EPS	380W standard / up to 720W with EPS	380W standard / up to 1,440W with EPS	380W standard / up to 720W with EPS	380W standard / up to 1,440W with EPS	380W standard / up to 720W with EPS	380W standard / up to 720W with EPS	380W standard / up to 720W with EPS
<b>Stacking</b>	Number of Dedicated Stacking Ports	Stacking Bandwidth	Stacking (maximum capacity)	Stacking Compatibility	Stacking Compatibility	Stacking Compatibility	Stacking Compatibility	Stacking Compatibility	Stacking Compatibility	Stacking Compatibility	Stacking Compatibility	Stacking Compatibility
<b>Scalability</b>	# MAC Addresses	ARP Table - Size of	# Routing Entries	# ACL Rules	# MAC Addresses	ARP Table - Size of	# Routing Entries	# ACL Rules	# MAC Addresses	ARP Table - Size of	# Routing Entries	# ACL Rules
<b>System Management</b>	Single IP Management	Web Managed/GUI	Command Line Interface/RS232 Console/Telnet	SNMP Version	RMON Group	DHCP (Client/Server)	Port Mirroring	IPv6 full set	Number of Priority Queues	Traffic Prioritization	Auto Voice VLAN	IGMP Snooping Version
<b>Quality of Service</b>	IGMP Snooping Querier	Bandwidth	Buffer Memory	Jumbo Frames	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	RPS Redundant Power Supply	Modular Power Supply	Number of 802.1q Vlan/Number of Vlan Group	Link Aggregation 802.3ad/LACP	Discovery Protocol LLDP 802.1ab	Rate Limiting	Broadcast Storm Control
<b>Multicast Filtering</b>	IPV4 Static Routing	IPV4 RIPv1/2, OSPFv1/2, VRRP, EMCP	IPV6 Static Routing, IPV6 OSPFv3	IPV4 / IPV6 Multicast Routing PIM-SM/DM	IEEE 802.1x (RADIUS)	ACL - Access Control Lists	SSL/SSH & HTTPS	Guest VLAN	DHCP Snooping/IP Source Guard/ARP Guard	TACACS+	Energy Star	Auto Port Power Down
<b>Performance</b>	Dynamic Power Consumption	Power Consumption	Physical	MTBF	Acoustic Noise at 25°C	Fan	Width x Depth x Height	Weight	Class (A or B)	Warranty Hardware	Warranty Power Supply	Modules
<b>Availability</b>	Energy Star	Auto Port Power Down	Dynamic Power Consumption	Power Consumption	Physical	MTBF	Acoustic Noise at 25°C	Fan	Width x Depth x Height	Weight	Class (A or B)	Warranty Hardware
<b>Traffic Management</b>	Energy Star	Auto Port Power Down	Dynamic Power Consumption	Power Consumption	Physical	MTBF	Acoustic Noise at 25°C	Fan	Width x Depth x Height	Weight	Class (A or B)	Warranty Hardware
<b>L3 Routing</b>	Energy Star	Auto Port Power Down	Dynamic Power Consumption	Power Consumption	Physical	MTBF	Acoustic Noise at 25°C	Fan	Width x Depth x Height	Weight	Class (A or B)	Warranty Hardware
<b>Security</b>	Energy Star	Auto Port Power Down	Dynamic Power Consumption	Power Consumption	Physical	MTBF	Acoustic Noise at 25°C	Fan	Width x Depth x Height	Weight	Class (A or B)	Warranty Hardware
<b>Energy Efficiency</b>	Energy Star	Auto Port Power Down	Dynamic Power Consumption	Power Consumption	Physical	MTBF	Acoustic Noise at 25°C	Fan	Width x Depth x Height	Weight	Class (A or B)	Warranty Hardware
<b>Physical</b>	Energy Star	Auto Port Power Down	Dynamic Power Consumption	Power Consumption	Physical	MTBF	Acoustic Noise at 25°C	Fan	Width x Depth x Height	Weight	Class (A or B)	Warranty Hardware
<b>Electromagnetic Compliance</b>	Energy Star	Auto Port Power Down	Dynamic Power Consumption	Power Consumption	Physical	MTBF	Acoustic Noise at 25°C	Fan	Width x Depth x Height	Weight	Class (A or B)	Warranty Hardware
<b>Warranty Hardware</b>	Energy Star	Auto Port Power Down	Dynamic Power Consumption	Power Consumption	Physical	MTBF	Acoustic Noise at 25°C	Fan	Width x Depth x Height	Weight	Class (A or B)	Warranty Hardware
<b>Warranty Power Supply</b>	Energy Star	Auto Port Power Down	Dynamic Power Consumption	Power Consumption	Physical	MTBF	Acoustic Noise at 25°C	Fan	Width x Depth x Height	Weight	Class (A or B)	Warranty Hardware
<b>Modules</b>	Energy Star	Auto Port Power Down	Dynamic Power Consumption	Power Consumption	Physical	MTBF	Acoustic Noise at 25°C	Fan	Width x Depth x Height	Weight	Class (A or B)	Warranty Hardware
<b>ProSupport Maintenance PKGS</b>	Energy Star	Auto Port Power Down	Dynamic Power Consumption	Power Consumption	Physical	MTBF	Acoustic Noise at 25°C	Fan	Width x Depth x Height	Weight	Class (A or B)	Warranty Hardware

\* see <http://onsite.netgear.com> for coverage, availability and terms and conditions



# NETGEAR 8800 Series Chassis Switches

NETGEAR 8800 Series simplifies network infrastructures with purpose-built core, aggregation, and intelligent edge modules. XCM8800 takes a modular, self-healing approach to consolidating convergent networking services.



XCM8810

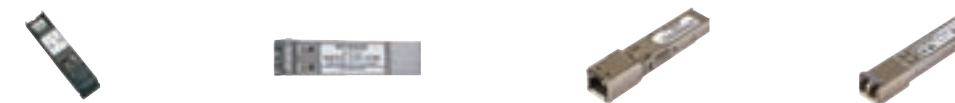
Managed L2, L3, L4		
	MODEL	NAME
Empty Chassis	XCM8806-100005	NETGEAR 8800 Series 6-slot Chassis Switch
	XCM8810-100005	NETGEAR 8800 Series 10-slot Chassis Switch
Supervisory Module	XCM88S1-100005	NETGEAR 8800 Series Supervisory Module
	XCM888F-100005	NETGEAR 8800 Series 8-port 1000 Base-X SFP Card for XSM88S1
I/O Modules	XCM884BT-100005	NETGEAR 8800 Series 48-port 10/100/1000 Base-T Module
	XCM88P-100005	NETGEAR 8800 Series PoE Daughter Card for XCM884BT
	XCM8824F-100005	NETGEAR 8800 Series 24-port 1000 Base-X SFP Module
	XCM8808X-100005	NETGEAR 8800 Series 8-port 10G Base-XFP Module
Power Supply	XCM88PS1-100005	NETGEAR 8800 Series 100-240VAC Power Supply Unit
License Upgrade	XCM88ASL-100005	NETGEAR 8800 Series Advanced Core Software License Upgrade (physical voucher)
Accessories	XCM8806PC-100005	NETGEAR 8800 Series Power Supply Bay Cover for XCM8806
	XCM8810PC-100005	NETGEAR 8800 Series Power Supply Bay Cover for XCM8810
	XCM8806FT-100005	NETGEAR 8800 Series Spare Fan Tray Unit for XCM8806
	XCM8810FT-100005	NETGEAR 8800 Series Spare Fan Tray Unit for XCM8810
Optics and Cables	XCM88FPB-100005	NETGEAR 8800 Series Spare Fan/PSU Controller Unit
	AGM731F	NETGEAR ProSAFE 1000Base-SX SFP LC GBIC (multimode, 550m OM3, 275m OM1)
	AGM732F	NETGEAR ProSAFE 1000Base-LX SFP LC GBIC (single mode, 10km)
	AXM751	NETGEAR ProSAFE 10GBase-SR XFP LC Optics (multimode, 300m OM3, 33m OM1)
AXM752	NETGEAR ProSAFE 10GBase-LR XFP LC Optics (single mode, 10km)	
AXC753-100005	NETGEAR ProSAFE 3m Direct Attach XFP to SFP+ Cable	

# Modules and Accessories for Switches



For use with ProSAFE managed switches

### Gigabit Fiber Modules Unmanaged/Smart/L2 and L3 Managed



MODEL	AGM731F	AGM732F	AGM734	AFM735
Product Description	ProSAFE Fiber 1000BASE-SX SFP Module	ProSAFE Fiber 1000BASE-LX SFP Module	ProSAFE RJ45 1000BASE-T SFP Module	ProSAFE Fiber 100BASE-FX SFP Module
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	One LC Fiber connection	One LC Fiber connection	RJ45	One LC Fiber connection
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	Supports both 62.5 μm OM1 and 50 μm OM3 multimode Fiber cabling	Supports 9 μm single mode Fiber cabling	Copper CAT5E or better	Supports both 62.5 μm OM1 and 50 μm OM3 multimode Fiber cabling
Switch Compatibility	All Smart & Managed Switches, plus JGS524F	All Smart & Managed Switches, plus JGS524F	M5300-28GF3, GSM7328F5, XSM7224S, XCM8800	All Managed Switches, XCM8800
Warranty	5 Year	5 Year	5 Year	5 Year

### 10Gigabit Copper and Fiber Modules Layer 2 And Layer 3 Managed Gsm72xxps/Gsm73xxs



MODEL	AX742	AX743	AX744	AX745	AXM761	AXM762
Product Description	ProSAFE 24 Gigabit Stacking Kit (two modules and a stacking cable)	ProSAFE 10 Gigabit Ethernet SFP+ Adapter	ProSAFE 10 Gigabit Ethernet CX4 Module	ProSAFE® 10 Gigabit Ethernet 10GBase-T Module	ProSAFE 10GBase-SR "Short Reach" SFP+ Module	ProSAFE 10GBase-LR "Long Reach" SFP+ Module
Distance	N/A	N/A	Up to 15m	Up to 100m	Up to 300m	Up to 10km
Cabling Type	CX4 Cable	Fiber or DAC	CX4	CAT5/5E GIGABIT CAT6 10GBASE-T 30m CAT6A/7 10GBASE-T 100m	10GBASE-SR "Short Reach"	10GBASE-LR "Long Reach"
Connector	One Stacking Interface slot	One SFP+ Interface slot	One CX4 connection	One RJ45 connection	One LC Fiber connection	One LC Fiber connection
Interface (Bus) Type	24 Gigabit High-speed Stacking	10 Gigabit Small Form Factor Pluggable (SFP+)	10 Gigabit Infiniband (CX4)	10 Gigabit 10GBase-T	10 Gigabit Small Form Factor Pluggable (SFP+)	10 Gigabit Small Form Factor Pluggable (SFP+)
Form Factor	Plug-in module	Plug-in module	Plug-in module	Plug-in module	Plug-in SFP+	Plug-in SFP+
Data Transfer Rate	12 Gbps Full-duplex (24 Gbps)	10 Gbps	12 Gbps	10 Gbps	10 Gbps	10 Gbps
Hot-Swappable	•	•	•	•	•	•
Fiber Cable Support	NA	NA	NA	NA	50μm OM3 multimode fiber cables (300m) or legacy 62.5μm OM1 multimode (33m)	Supports 9μm single mode Fiber cabling
Switch Compatibility	M5300 series, GSM72xxPS, GSM73xxS	M5300 series, GSM72xxPS, GSM73xxS	M5300 series, GSM72xxPS, GSM73xxS	M5300 series, GSM72xxPS, GSM73xxS	GS728TXS, GS752TXS, XS708E, XS712T, M5300 series, GSM72xxPS, GSM73xxS, M7100 series, XSM7224S	GS728TXS, GS752TXS, XS708E, XS712T, M5300 series, GSM72xxPS, GSM73xxS, M7100 series, XSM7224S
Warranty	5 Year	5 Year	5 Year	5 Year	5 Year	5 Year



## Modules and Accessories for Switches



For use with ProSAFE managed switches

### 10Gigabit Copper and Fiber Modules Layer 2 and Layer 3 Managed GSM72xxPS/GSM73xxS



MODEL	AXM763	AXC761	AXC763	AXC753	AXM751	AXM752
<b>Product Description</b>	ProSAFE 10GBASE-LRM "Long Reach Multimode" SFP+ Module	ProSAFE 1m Direct Attach SFP+ Cable	ProSAFE 3m Direct Attach SFP+ Cable	ProSAFE 3m Direct Attach SFP+ to XFP Cable	ProSAFE 10GBASE-SR "Short Reach" XFP Module	ProSAFE 10GBASE-LR "Long Reach" XFP Module
<b>Distance</b>	Up to 220m	1m	3m	3m	Up to 300m	Up to 10km
<b>Cabling Type</b>	10GBASE-LRM Long Reach Multimode	Direct Attach 10GSFP+Cu	Direct Attach 10GSFP+Cu	Direct Attach 10GSFP+Cu	10GBASE-SR "Short Reach"	10GBASE-LR "Long Reach"
<b>Connector</b>	One LC Fiber connection	SFP+ connectors	SFP+ connectors	SFP+ to XFP	One LC Fiber connection	One LC Fiber connection
<b>Interface (Bus) Type</b>	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+ / XFP)	10 Gigabit Small Form Factor Pluggable (XFP)	10 Gigabit Small Form Factor Pluggable (XFP)
<b>Form Factor</b>	Plug-in SFP+	SFP+ Cable	SFP+ Cable	SFP+/XFP Cable	Plug-in XFP	Plug-in XFP
<b>Data Transfer Rate</b>	10 Gbps	10 Gbps	10 Gbps	10 Gbps	10 Gbps	10 Gbps
<b>Hot-Swappable</b>	•	•	•	•	•	•
<b>Fiber Cable Support</b>	Supports legacy 62.5 μm OM1 multimode Fiber cabling (220m)	NA	NA	NA	50μm OM3 multimode fiber cables (300m)	Supports 9μm single mode Fiber cabling
<b>Switch Compatibility</b>	GS728TXS, GS752TXS, XS708E, XS712T, M5300 series, GSM72xxPS, GSM73xxS M7100 series, XSM7224S	GS728TXS, GS752TXS, XS708E, XS712T, M5300 series, GSM72xxPS, GSM73xxS M7100 series, XSM7224S	GS728TXS, GS752TXS, XS708E, XS712T, M5300 series, GSM72xxPS, GSM73xxS M7100 series, XSM7224S	GS728TXS, GS752TXS, XS708E, XS712T, M5300 series, GSM72xxPS, GSM73xxS M7100 series, XSM7224S, XCM8800	XCM8800	XCM8800
<b>Warranty</b>	5 Year	5 Year	5 Year	5 Year	5 Year	5 Year

### Modular Power Supply Layer 2 and Layer 3 Managed Switches



MODEL	APS525W	APS135W	RPS4000	APS1000W
<b>Product Description</b>	ProSAFE Auxiliary Power Supply	ProSAFE Auxiliary Power Supply	Redundant / External Power Supply (RPS/EPs for up to 4 switches)	Power Module for RPS4000
<b>Hot-Swappable</b>	When used with an RPS	When used with an RPS	Yes	Yes
<b>Switch Compatibility</b>	GSM72xxPS-	GSM73xxSv2	M4100 series, M5300 series, GSM72xxPS, GSM73xxS	RPS4000
<b>Warranty</b>	5 Year	5 Year	5 Year	5 Year

### Modular Power Supply Layer 2 and Layer 3 Managed Switches



MODEL	RPS5412	AFT200	APS300W	XCM88PS1
<b>Product Description</b>	External Redundant Power Supply	ProSAFE Auxiliary Fan Tray	ProSAFE Auxiliary Power Supply	XCM8800 Power Supply
<b>Hot-Swappable</b>	Yes	Yes	Yes	Yes
<b>Switch Compatibility</b>	M4100 Series, M5300 Series, GSM72xxPS, GSM73xxS	M7100 Series, XSM7224S	M7100 Series, XSM7224S	XCM8800 Series
<b>Warranty</b>	5 Year	5 Year	5 Year	3 Year

## ProSAFE Business Wireless Portfolio

NETGEAR provides a full suite of Access Points for small business/home office, medium enterprise, K-12 education, hospitality, and health care deployments.

For management of multiple Access Points from a centralized location, the wireless controller and wireless management system provide an easy and intuitive way for simplified control of the wireless network. The ProSAFE wireless portfolio is designed with simplicity in mind for end customers that may not have all of the IT expertise. The wireless portfolio is enterprise grade with full functionality of wireless security and rich set of networking capabilities.

## ProSAFE Wireless Management



	PROSAFE Wireless Management System	ProSAFE Wireless Controller																																																				
<b>MODEL</b>	<b>WMS5316</b>	<b>WC7520</b>																																																				
<b>Central Configuration</b>	<table border="1"> <tr><td>Product Description</td><td>ProSAFE Wireless Management System</td></tr> <tr><td>Wireless Support</td><td>IEEE 802.11a, IEEE 802.11g, IEEE 802.11n</td></tr> <tr><td>Ports</td><td>4 x 10/100/1000</td></tr> <tr><td>Nb of Access Points / System</td><td>16</td></tr> <tr><td>Total Nb Of Access Points (Stack)</td><td>16</td></tr> <tr><td>Access Points Supported</td><td>WNDAP350, WNAP320, WNDAP360, WNAP210, WG103</td></tr> <tr><td>Access Points Discovery</td><td>All supported Access Points in the network (L2, L3, VLAN)</td></tr> <tr><td>Access Points Configuration</td><td>Central configuration</td></tr> <tr><td>Survivability</td><td>AP retain their standalone capabilities, Wireless network still up should the WMS5316 shut down</td></tr> <tr><td>Security</td><td>802.11i, ACLs (802.1x with ProSAFE Access Points)</td></tr> </table>	Product Description	ProSAFE Wireless Management System	Wireless Support	IEEE 802.11a, IEEE 802.11g, IEEE 802.11n	Ports	4 x 10/100/1000	Nb of Access Points / System	16	Total Nb Of Access Points (Stack)	16	Access Points Supported	WNDAP350, WNAP320, WNDAP360, WNAP210, WG103	Access Points Discovery	All supported Access Points in the network (L2, L3, VLAN)	Access Points Configuration	Central configuration	Survivability	AP retain their standalone capabilities, Wireless network still up should the WMS5316 shut down	Security	802.11i, ACLs (802.1x with ProSAFE Access Points)	<table border="1"> <tr><td>Product Description</td><td>ProSAFE Wireless Controller</td></tr> <tr><td>Wireless Support</td><td>IEEE 802.11a, IEEE 802.11g, IEEE 802.11n</td></tr> <tr><td>Ports</td><td>4 x 10/100/1000</td></tr> <tr><td>Nb of Access Points / System</td><td>20 (Up to 50 with 10-AP incremental license upgrades)</td></tr> <tr><td>Total Nb Of Access Points (Stack)</td><td>150 with 3 Controllers</td></tr> <tr><td>Access Points Supported</td><td>WNDAP350, WNAP210, WNAP320, WNDAP360 (Standard Access Points)</td></tr> <tr><td>Access Points Discovery</td><td>All supported Access Points in the network (L2, L3, VLAN)</td></tr> <tr><td>Access Points Configuration</td><td>Central configuration</td></tr> <tr><td>Survivability</td><td>N+1 redundancy</td></tr> <tr><td>Security</td><td>802.11i, ACLs, 802.1x</td></tr> </table>	Product Description	ProSAFE Wireless Controller	Wireless Support	IEEE 802.11a, IEEE 802.11g, IEEE 802.11n	Ports	4 x 10/100/1000	Nb of Access Points / System	20 (Up to 50 with 10-AP incremental license upgrades)	Total Nb Of Access Points (Stack)	150 with 3 Controllers	Access Points Supported	WNDAP350, WNAP210, WNAP320, WNDAP360 (Standard Access Points)	Access Points Discovery	All supported Access Points in the network (L2, L3, VLAN)	Access Points Configuration	Central configuration	Survivability	N+1 redundancy	Security	802.11i, ACLs, 802.1x												
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\*\*Next business day onsite replacement support. Advanced registration required. For a list of countries where service is available, and terms and conditions visit <http://onsite.netgear.com>.

# ProSAFE Access Points



## Wireless Access Points

NETGEAR Wireless Access Points are ideal for extending an existing Ethernet network to areas that cabling cannot reach, or to provide easier connectivity for employees, visitors, or a mobile workforce.



MODEL	WG602	WN604	WN802T	WG103	WAG102	WNAP210	WNAP320	WNDAP350	WNDAP360	WNDAP620	WNDAP660 <span style="float: right;">NEW</span>
<b>Product Description</b>	54 Mbps Wireless Access Point	Wireless-N 150 Access Point	Wireless-N Access Point	ProSAFE 802.11g Wireless Access Point	ProSAFE 802.11g Wireless Dual Band Access Point	ProSAFE Wireless-N Access Point	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	ProSAFE Wireless-N Dual Band Premium Access Point
<b>Typical Deployment</b>	Good-small and home office	Better-small and home office	Best-small and home office	Motels, warehouses, clinics	Motels, warehouses, clinics	Entry level-small to medium enterprise	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	Medium enterprise, high schools with advanced Wi-Fi, hotels, mid-size hospitals
<b>WIRELESS</b>											
<b>Standard</b>	802.11b/g	802.11 b/g/n	802.11 b/g/n	802.11b/g	802.11 a/b/g	802.11 b/g/n	802.11 b/g/n	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n
<b>Single Band</b>	•	•	•	•		•	•				
<b>Dual Band</b>					• (concurrent)			• (concurrent)	• (concurrent)	• (selectable)	• (concurrent)
<b>2.4 GHz</b>	•	•	•	•	•	•	•	•	•	•	•
<b>5 GHz</b>					•			•	•	•	•
<b>TX by Rx</b>		1 x 1	2 x 2			2 x 2	2 x 2	2 x 2	2 x 2	3 x 3	3 x 3
<b>Throughput per Radio</b>	54 Mbps	150 Mbps	300 Mbps	108 Mbps	108 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps	450 Mbps	450 Mbps
<b>Max # of Concurrent Clients</b>	20	30	30	30	30	30	64	128	128	128	128
<b>HARDWARE</b>											
<b># of Ethernet Ports</b>	1	4	1	1	1	1	1	1	1	1	2
<b>Speed of Ethernet Ports</b>	10/100 Mbps	10/100 Mbps	10/100 Mbps	10/100 Mbps	10/100 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps
<b>PoE</b>				•	•	•	•	•	•	•	•
<b>Antenna Type</b>	detachable	detachable	internal	detachable	detachable	internal	internal	internal	internal	internal	internal
<b>Antenna Gain</b>	5 dBi	5 dBi	3 dBi	3 dBi	5 dBi	5 dBi	5 dBi	5 dBi	5 dBi	5 dBi	5 dBi
<b>Additional External Antenna Connectors</b>							two 2.4 GHz reverse SMA	two 2.4 GHz reverse SMA	two 2.4 GHz reverse SMA	three 2.4 GHz reverse SMA	three 2.4 GHz reverse SMA
<b>Plenum</b>				•	•			•			
<b>Physical Size</b>	28 x 175 x 118 mm	175 x 118 x 28 mm	177.5 x 130 x 35 mm	158 x 101 x 29mm	32 x 190.5 x 122 mm	224 x 153 x 28 mm	254 x 254 x 55 mm	32 x 190 x 124 mm	254 x 254 x 55 mm	254 x 254 x 55 mm	254 x 254 x 55 mm
<b>Enclosure Material</b>	Plastic	Plastic	Plastic	Metal	Metal	Plastic	Plastic	Metal	Plastic	Plastic	Plastic
<b>Kensington Lock</b>				•		•	•	•	•	•	•
<b>Ceiling/Wall Mounting</b>				•		•	•	•	•	•	•
<b>MANAGEMENT</b>											
<b>Deployment Options</b>	standalone only	standalone only	standalone only	standalone	standalone	standalone & controller	standalone & controller	standalone & controller	standalone & controller	standalone & controller*	standalone & controller*
<b>Web UI</b>	•	•	•	•	•	•	•	•	•	•	•
<b>CLI</b>				•	•	•	•	•	•	•	•
<b>Manageable by WMS5316</b>				•		•	•	•	•	•*	•*
<b>Manageable by WC7520</b>						•	•	•	•	•*	•*
<b>SSH</b>				•	•	•	•	•	•	•	•
<b>SNMP</b>				•	•	•	•	•	•	•	•
<b>FEATURES</b>											
<b># of BSSIDs</b>	1	1	1	8	16	8	8	16	16	8	16
<b>Wireless Security</b>											
<b>WEP</b>	•	•	•	•	•	•	•	•	•	•	•
<b>WPA-PSK/TKIP</b>	•	•	•	•	•	•	•	•	•	•	•
<b>WPA2-PSK/AES</b>	•	•	•	•	•	•	•	•	•	•	•
<b>802.1X</b>			•	•	•	•	•	•	•	•	•
<b>Rogue AP Detection</b>				•	•	•	•	•	•	•	•
<b>WIDS/WIPS</b>											
<b>Wireless Distribution Systems (WDS)</b>											
<b>Repeater</b>	•	•	•	•	•	•	•	•	•	•	•
<b>Point-to-Point/Multi-Point</b>	•	•	•	•	•	•	•	•	•	•	•
<b>Simultaneous Bridge /Client Association</b>	•	•	•			•	•	•	•	•	•
<b>Captive Portal</b>				•	•	•	•	•	•	•	•
<b>VLANs</b>				•	•	•	•	•	•	•	•
<b>MAC ACL</b>	•	•	•	•	•	•	•	•	•	•	•
<b>802.11e/WMM</b>				•	•	•	•	•	•	•	•
<b>Rate Limiting</b>		•	•	•	•	•	•	•	•	•	•
<b>Bandwidth Management</b>										•	•
<b>Beamforming</b>										•	•
<b>Bandsteering</b>										•	•
<b>ORDERING</b>											
<b>Warranty</b>	3 years	3 years	3 years	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
<b>Product Ordering SKU</b>	WG602NA	WN604-100NAS WN604-100AUS WN604-100PES WN604-100UKS	WN802T-200NAS WN802T-200AUS WN802T-200UKS WN802T-200ISS WN802T-200GRS	WG103-100NAS WG103-100AUS WG103-100PES WG103-100UKS	WAG102AU WAG102NA WAG102EU	WNAP210-100NAS WNAP210-100AUS WNAP210-100PES WNAP210-100PRS WNAP210-100UKS	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	WNDAP620-100NAS WNDAP620-100AUS WNDAP620-100PES WNDAP620-100UKS	WNDAP660-100NAS WNDAP660-100AUS WNDAP660-100PES WNDAP660-100UKS
<b>MSRP (NA)</b>	\$84.00	\$96.00	\$156.00	\$180.00	\$241.00	\$220.00	\$350.00	\$425.00	\$425.00	\$715.00	\$829.00

\* future

## ProSAFE Antennas



### ProSAFE Antennas

ProSAFE antennas can be used in conjunction with Wireless Access Points to boost wireless signals across a building or campus.



MODEL	ANT2405-200005	ANT2407	ANT2409	ANT24D18	ANT224D10
<b>Product Description</b>	ProSAFE 5 dBi Omni-directional Antenna	ProSAFE 7 dBi Omni-directional Antenna	ProSAFE 9 dBi Omni-directional Antenna	ProSAFE 14 dBi Patch Panel Directional Antenna	ProSAFE 10 dBi Directional Antenna
<b>Frequency</b>	IEEE 802.11 b/g/n, 2.4 GHz	IEEE 802.11 b/g, 2.4 GHz	IEEE 802.11 b/g, 2.4 GHz Range: Up to 2900 ft	IEEE 802.11 b/g, 2.4 GHz Range: Up to 9.8 miles (15.8 km)*	IEEE 802.11 n, 2.4 GHz Range: Up to 8.5km
<b>Customer Needs</b>	Indoor, Outdoor, (Place close to the Access Point and antenna usage range (line of sight))	Indoor (Place close to the Access Point and antenna usage range (line of sight))	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor
<b>Polarization</b>	Omni - Directional	Vertical	Vertical	Linear Vertical	Linear Vertical
<b>Gain</b>	5 dBi	7 dBi	9 dBi	14 dBi	10 dBi
<b>Angle</b>	Horizontal 360° / Vertical 30°	Horizontal 360° / Vertical 600°	Horizontal 360° / Vertical 30°	Horizontal 60° / Vertical 30°	Horizontal 33° / Vertical 32°
<b>Access Points</b>	WG302, WAG102, WG102, WG103, WGL102, WAGL102	WG302, WAG102, WG102, WG103, WGL102, WAGL102	WG302, WAG102, WG102, WG103, WGL102, WAGL102	WG302, WAG102, WG102, WG103, WGL102, WAGL102	WNAP320, WNDAP350, WNDAP360
<b>Antenna Cable (Accessories)</b>	1.5 m ACC-10314-01 5 m ACC-10314-03 10 m ACC-10314-04		1.5 m ACC-10314-01 5 m ACC-10314-03 10 m ACC-10314-04	1.5 m ACC-10314-01 5 m ACC-10314-03 10 m ACC-10314-04	1.5 m ACC-10314-01 5 m ACC-10314-03 10 m ACC-10314-04
<b>Connections</b>	Reverse SMA	Reverse SMA female	Reverse N female, Adapter Reverse SMA	Reverse N female, Adapter Reverse SMA	Reverse N/SMA Adapters
<b>Assembly</b>		Includes mounting brackets	Includes fixed wall, wall adjustable, and pole mounting options	Includes fixed wall, wall adjustable, and pole mounting options	Wall mount and pole mounting options
<b>Mass</b>		(H x D x W) 110 x 65 x 300 mm Integrated cable length: 1.5m	(H x W) 610 x 22 mm	(H x D x W) 262 x 240 x 30 mm	(H x D x W) 262 x 240 x 30 mm
<b>Warranty</b>	2 Year	2 Year	2 Year	2 Year	2 Year

\* Range estimation is based on two wireless nodes each with an ANT24D18 antenna attached, a NETGEAR® 3 m low-loss antenna cable, 10 dBi link budget margin, associating with each other at 11 Mbps under ideal line-of-sight conditions.

\*\* Range estimation is based on two wireless nodes, each with an ANT2405 antenna attached, a NETGEAR® 1.5 m low-loss antenna cable, associating with each other at 11 Mbps under ideal line-of-sight conditions.

## Comprehensive Network Security for Your Business

Most network security products for small to mid - size businesses compromise on coverage, speed, or both. NETGEAR ProSECURE® and ProSAFE Security products provide best-of-breed security — without compromise.



### ProSECURE – Unified Gateway Security for Smart IT Networks



NETGEAR ProSECURE UTM all-in-one next-gen firewalls feature an advanced application firewall and layers of enterprise-strength security such as anti-virus, anti-spam, Web filtering, and intrusion prevention (IPS). This gives business owners and IT admins greater visibility and control over their network and protects their businesses from today's application, Web, email, and network threats.

- **Web Security** Enterprise - class security architecture to protect business networks from viruses, worms, spyware, trojans, rootkits, keyloggers, and unauthorized Web surfing — without impacting productivity.
- **Network Security** Firewall functionality that deploys an array of network security technologies such as stateful packet inspection (SPI), Intrusion prevention (IPS), and denial - of - service (DoS) protection.
- **Email Security** A Distributed Spam Analysis architecture that uses an in-the-cloud approach to stop up-to-the-minute spam outbreaks. Patent-pending Stream Scanning architecture ensures email is malware free.

#### Redefining the Firewall

ProSecure firewalls bring advanced network security technologies to small and medium businesses and remote/branch offices. Traditional firewalls can only block/accept traffic based on IP addresses and ports and offer little protection outside of that. This approach is quickly becoming obsolete in today's Internet where many applications send/receive traffic over ports that are typically allowed by traditional firewalls. The built-in application firewall of the UTM overcomes the limitations of yesterday's firewall and allows the UTM to monitor, control, and block hundreds of applications such as Skype, Facebook, BitTorrent®, and Yahoo! Messenger; helping enhance employee productivity and enforce network usage policies.

[www.prosecure.netgear.com](http://www.prosecure.netgear.com)



## ProSAFE VPN Firewalls – Value for the SMB



NETGEAR ProSAFE VPN Firewall Routers provide secure remote network access to help keep your business safe from network attacks and unauthorized access. ProSAFE Security VPN Firewall Routers deliver full network access between headquarter locations, remote/branch offices and telecommuters, while ProSAFE Security wireless VPN Firewall Routers are ideal for remote/branch offices and telecommuters. All models have all - inclusive business - class security built - in.

ProSAFE Security solutions provide the ideal solution for secure, remote access for small and mid - size businesses.

# ProSECURE STM

## Enterprise Strength Spam, Virus, & Web Filter Security

NETGEAR ProSecure STM Web and Email Threat Management Appliances provide comprehensive content security for your business.



MODEL	STM600	STM300	STM150
<b>SIZING GUIDELINES</b>			
Customer Type	Medium-sized Networks	Medium-sized Networks	Small Networks
HTTP Throughput (Mb/s)	260	163	42
SMTP Throughput (emails/hour)	960,000	420,000	139,000
<b>CONTENT SECURITY</b>			
<b>Network Anti-malware Applications:</b>			
Web (HTTP, HTTPS, FTP)	•	•	•
Email (SMTP, POP3, IMAP)	•	•	•
Stream Scanning	•	•	•
Inbound and Outbound Inspection	•	•	•
Zero Hour Protection	•	•	•
Malware Signatures	3 Million +	3 Million +	3 Million +
Automatic Signature Updates	Hourly	Hourly	Hourly
Distributed Spam Analysis	•	•	•
Email Quarantine	•	•	•
URL Content Filtering with 64 Categories	•	•	•
Number of Users	Unlimited	Unlimited	Unlimited
HTTPS Scanning & Filtering	•	•	•
Authentication for VPN and local user groups and rules		AD, LDAP, Radius, Local User Database	
<b>DEPLOYMENT</b>			
Plug and Play	•	•	•
Inline Transparent Bridge	•	•	•
VLAN Support	•	•	•
Fail-open	•	•	•
<b>MANAGEMENT</b>		HTTP/HTTPS/SNMPv2c	
<b>HARDWARE</b>			
Total Gigabit RJ45 Ports	5	3	5
Gigabit RJ45 Ports with Failure Bypass	4	2	0
Dedicated Management VLAN Ports RJ45	1	1	0
Administration Console Port	RS232	RS232	RS232
Form Factor	1U	1U	1U
Dimensions (H x L x W) mm	44.4 x 500 x 426	44.4 x 500 x 426	43.5 x 258 x 440
Weight kg	8.2	8.2	3.68
<b>WARRANTY</b>		2 Years	

# ProSECURE UTM Firewalls

## All-in-One Unified Gateway Security

NETGEAR ProSECURE UTM Unified Threat Management Appliance provides comprehensive all-in-one gateway security – without compromise.



MODEL	UTM25	UTM25S	NEW UTM50	UTM150
<b>SIZING GUIDELINES</b>				
Firewall Throughput	700 Mbps	980 Mbps	980 Mbps	980 Mbps
Application Firewall Throughput	630 Mbps	905 Mbps	905 Mbps	940 Mbps
Anti-virus Throughput	24 Mbps	30 Mbps	42 Mbps	110 Mbps
IPS Throughput	200 Mbps	240 Mbps	320 Mbps	620 Mbps
UTM Throughput (HTTP Traffic)	22 Mbps	24 Mbps	32 Mbps	82 Mbps
UTM Throughput (non-HTTP Traffic, e.g. P2P, DHS, SSH)	200 Mbps	240 Mbps	320 Mbps	620 Mbps
Maximum VPN Throughput	85 Mbps	90 Mbps	85 Mbps	586 Mbps
Maximum Concurrent Connections	40000	40000	40000	80000
802.1q VLANs	255	255	255	255
<b>CONTENT SECURITY</b>				
Web and Email Scanned Protocols	HTTP,HTTPS,FTP,SMTP,IMAP,POP3			
Stream Scanning	•	•	•	•
Inbound and Outbound Inspection	•	•	•	•
Signature-Less Zero Hour Protection	•	•	•	•
Malware Signature	1.2 Million	1.2 Million	1.2 Million	1.2 Million
Automatic Signature Updates	Hourly	Hourly	Hourly	Hourly
Distributed Spam Analysis	•	•	•	•
Anti-spam Real-time Blacklist (RBL)	•	•	•	•
Distributed Web Analysis URL Filtering w/64 Categories	•	•	•	•
Applications Protected	1212	1212	1212	1212
Number of Users	Unlimited	Unlimited	Unlimited	Unlimited
<b>FIREWALL FEATURES</b>				
Stateful Packet Inspection (SPI)	Port/Service Blocking, Denial-of-service (DoS) Prevention, Stealth Mode, Block TCP Flood, Block UDP Flood, WAN/LAN Ping Response Control			
Application Firewall	Global Mode, Policy Mode, SSL Decryption, Granular Application Policies, Application Session Monitoring, Application Dashboard			
Intrusion Prevention (IPS)	•	•	•	•
WAN Modes	NAT, Classical Routing			
ISP Address Assignment	DHCP, Static IP Assignment, PPPoE, PPTP			
NAT Modes	1-1 NAT, PAT			
Routing	Static, Dynamic, RIPv1, RIPv2			
DDNS	DynDNS.org, TZO.com, Oray.net, 3322 DDNS			
Firewall Functions	Port Range Forwarding, Port Triggering, DNS proxy, MAC Address Cloning/spoofing, Network Time Protocol NTP Support, Diagnostic Tools (ping, DNS lookup, trace route, other), Auto-Uplink on Switch Ports, L3 Quality of Service (QoS), LAN-to-WAN and WAN-to-LAN (ToS)			
DHCP	DHCP Server, DHCP Relay			
User Authentication for VPN	Active Directory, LDAP, Radius, Local User Database			
Security Policies Based on Active Directory with Single Sign-On (SSO)	•	•	•	•
<b>VPN</b>				
VPN Protocols	SSL, IPsec, PPTP, L2TP			
Site to Site VPN Tunnels	25	25	50	150
SSL VPN for Remote Access	14	14	25	75
<b>DEPLOYMENT</b>				
Multi-WAN Fail-over	•	•	•	•
Intelligent Traffic Load Balancing	•	•	•	•
<b>LOGGING AND MANAGEMENT</b>				
Management	HTTP/HTTPS, SNMP v2c			
Log Delivery	Management GUI Query, Email Delivery, Syslog			
<b>HARDWARE</b>				
WAN Gigabit RJ45 Ports	2	2	2	4
LAN Gigabit RJ45 Ports	4	4	6	4
DMZ Port (Configurable)	1	1	1	1
Dimensions (W x H x D)	330 x 430 x 209mm	330 x 430 x 286mm	440 x 430 x 261mm	330 x 430 x 261mm
Weight kg	2.1	2.56	2.9	2.9
<b>WARRANTY</b>		Lifetime		

# ProSECURE UTM Firewalls

## All-in-One Unified Gateway Security

NETGEAR ProSECURE UTM Unified Threat Management Appliance provides comprehensive all-in-one gateway security – without compromise.



MODEL	UTM5	UTM9S	UTM10
<b>SIZING GUIDELINES</b>			
Firewall Throughput	500 Mbps	933 Mbps	566 Mbps
Application Firewall Throughput	400 Mbps	900 Mbps	450 Mbps
Anti-virus Throughput	20 Mbps	23 Mbps	23 Mbps
IPS Throughput	130 Mbps	172 Mbps	150 Mbps
UTM Throughput (HTTP Traffic)	13 Mbps	18 Mbps	15 Mbps
UTM Throughput (non-HTTP Traffic, e.g. P2P, DHS, SSH)	130 Mbps	172 Mbps	150 Mbps
Maximum VPN Throughput	80 Mbps	80 Mbps	80 Mbps
Maximum Concurrent Connections	12000	16000	16000
802.1q VLANs	255	255	255
<b>CONTENT SECURITY</b>			
Web and Email Scanned Protocols	HTTP,HTTPS,FTP,SMTP,IMAP,POP3		
Stream Scanning	•	•	•
Inbound and Outbound Inspection	•	•	•
Signature-Less Zero Hour Protection	•	•	•
Malware Signature	1.2 Million	1.2 Million	1.2 Million
Automatic Signature Updates	Hourly	Hourly	Hourly
Distributed Spam Analysis	•	•	•
Anti-spam Real-time Blacklist (RBL)	•	•	•
Distributed Web Analysis URL Filtering w/64 Categories	•	•	•
Applications Protected	332	332	332
Number of Users	Unlimited	Unlimited	Unlimited
<b>FIREWALL FEATURES</b>			
Stateful Packet Inspection (SPI)	Port/Service Blocking, Denial-of-service (DoS) Prevention, Stealth Mode, Block TCP Flood, Block UDP Flood, WAN/LAN Ping Response Control		
Application Firewall	Global Mode, Policy Mode, SSL Decryption, Granular Application Policies, Application Session Monitoring, Application Dashboard		
Intrusion Prevention (IPS)	•	•	•
WAN Modes	NAT, Classical Routing		
ISP Address Assignment	DHCP, Static IP Assignment, PPPoE, PPTP		
NAT Modes	1-1 NAT, PAT		
Routing	Static, Dynamic, RIPv1, RIPv2		
DDNS	DynDNS.org, TZO.com, Oray.net, 3322 DDNS		
Firewall Functions	Port Range Forwarding, Port Triggering, DNS proxy, MAC Address Cloning/spoofing, Network Time Protocol NTP Support, Diagnostic Tools (ping, DNS lookup, trace route, other), Auto-Uplink on Switch Ports, L3 Quality of Service (QoS), LAN-to-WAN and WAN-to-LAN (ToS)		
DHCP	DHCP Server, DHCP Relay		
User Authentication for VPN	Active Directory, LDAP, Radius, Local User Database		
Security Policies Based on Active Directory with Single Sign-On (SSO)	•	•	•
<b>VPN</b>			
VPN Protocols	SSL, IPsec, PPTP, L2TP		
Site to Site VPN Tunnels	5	10	10
SSL VPN for Remote Access	2	5	5
<b>DEPLOYMENT</b>			
Multi-WAN Fail-over	•	•	•
Intelligent Traffic Load Balancing	•	•	•
<b>LOGGING AND MANAGEMENT</b>			
Management	HTTP/HTTPS, SNMP v2c		
Log Delivery	Management GUI Query, Email Delivery, Syslog		
<b>HARDWARE</b>			
WAN Gigabit RJ45 Ports	1	2	1
LAN Gigabit RJ45 Ports	4	4	4
DMZ Port (Configurable)	1	1	1
Dimensions (W x H x D)	330 x 430 x 209mm	330 x 430 x 286mm	330 x 430 x 209mm
Weight kg	2.1	2.56	2.1
<b>WARRANTY</b>			
	Lifetime	Lifetime	Lifetime

# ProSAFE VPN Firewalls

## Reliable, affordable and easy to use business class security

NETGEAR ProSAFE VPN (Virtual Private Network) Firewalls ensure maximum privacy and security with high-level encryption.



MODEL	SRX5308	FVS336G	FVS318G	FVS318
<b>Product Description</b>	ProSAFE® Quad WAN Gigabit Firewall with SSL & IPsec VPN	ProSAFE® Dual WAN Gigabit Firewall with SSL & IPsec VPN	ProSAFE® VPN Firewall with 8 Port 10/100 Mbps Switch	ProSAFE® VPN Firewall with 8 Port 10/100 Mbps Switch
<b>Firewall</b>	DoS/SPI Firewall	DoS/SPI Firewall	DoS/SPI Firewall	DoS/SPI Firewall
<b>Router</b>	Ethernet NAT Router	Ethernet NAT Router	Ethernet NAT Router	Ethernet NAT Router
<b>Dedicated VPN Tunnels</b>	125 (IPsec)/50 (SSL)	25 (IPsec)/10 (SSL)	5	8
<b>Switch Ports &amp; Interfaces</b>	(4) 10/100/1000 Mbps LAN (4) 10/100/1000 Mbps WAN (1) Serial Port	(4) 10/100/1000 Mbps LAN (4) 10/100/1000 Mbps WAN	(8) 10/100/1000 Mbps LAN (1) 10/100/1000 Mbps WAN	(8) 10/100 Mbps LAN (1) 10/100 Mbps WAN
<b>WAN Failover</b>	•	•	•	•
<b>DMZ Port</b>	•	SW Port Forwarding	•	SW Port Forwarding
<b>Memory (Flash/DRAM)</b>	64/512MB	16/64MB	8/32MB	2/16MB
<b>3DES Throughput</b>	180 Mbps	16 Mbps	7 Mbps	
<b>Concurrent Connections</b>	200,000	10,000	6,000	
<b>LAN-To-WAN Throughput</b>	924 Mbps	60 Mbps	25 Mbps	11.5 Mbps
<b>WAN Load Balancing</b>	•	•	•	•
<b>Number of Users (Recommended)</b>	200	35	10	5
<b>NAT/PAT</b>	•	•	•	•
<b>QoS</b>	•	•	•	•
<b>NTP Support</b>	•	•	•	•
<b>Classical Routing Mode</b>	•	•	•	•
<b>DHCP Client/Server</b>	•	•	•	•
<b>Static IP Assignment</b>	•	•	•	•
<b>Static Routing, Dynamic Routing</b>	•	•	•	•
<b>IPsec, L2TP, and PPTP VPN Passthrough</b>	•	•	•	•
<b>VPN Protocols Supported</b>	IPsec ESP, AH	IPsec ESP, SSL	IPsec ESP	IPsec ESP
<b>IKE Authentication (Pre-Shared Key, Certificates)</b>	•	•	•	•
<b>IPSEC Encryption</b>	256-bit AES, 168-bit 3DES IPsec	256-bit AES, 168-bit 3DES, 56-bit DES	256-bit AES, 168-bit 3DES IPsec	256-bit AES, 168-bit 3DES IPsec
<b>Logging &amp; Monitoring, Policies &amp; Schedules, URL Content Filtering</b>	•	•	•	•
<b>EMAIL Notifications (Built-in-Alerts, Log)</b>	•	•	•	•
<b>Remote Logging</b>	SYSLOG	SYSLOG	SYSLOG	SYSLOG
<b>SNMP</b>	v2c	v2c	v2c	
<b>Browser-Based Configuration</b>	•	•	•	•
<b>Dimensions / Weight</b>	(W x D x H) 330 x 209 x 44 mm Weight: 2,1 kg	(W x D x H) 330 x 203 x 44 mm Weight: 2,01 kg	(W x D x H) 190 x 125 x 35 mm Weight: 0,59 kg	(W x D x H) 253 x 181 x 35 mm Weight: 0,935 kg
<b>Features:</b>	IPsec VPN client (included in delivery specification acc. Datasheet)	IPsec VPN client (included in delivery specification acc. Datasheet)		
<b>Accessories</b>	VPN Client VPNG01L, VPNG05L	VPN Client VPNG01L, VPNG05L	VPN Client VPNG01L, VPNG05L	VPN Client VPNG01L, VPNG05L
<b>Accessories: Network Management Software</b>	NMS200	NMS200	NMS200	
<b>Warranty</b>	Lifetime	Lifetime	Hardware: Lifetime Power Supply 3 years	Hardware: Lifetime Power Supply 3 years
<b>ProSupport Service: - ONCALL 24x7 - XPRESSHW</b>	PMB0351 (5 years), PMB0331 (3 years), PMB0311 (1 year), PRR0351 (5 years), PRR0331 (3 years)	PMB0351 (5 years), PMB0331 (3 years), PMB0311 (1 year), PRR0351 (5 years), PRR0331 (3 years)	PMB0351 (5 years), PMB0331 (3 years), PMB0311 (1 year), PRR0351 (5 years), PRR0331 (3 years)	PMB0351 (5 years), PMB0331 (3 years), PMB0311 (1 year), PRR0351 (5 years), PRR0331 (3 years)



## ProSAFE Wireless VPN Firewalls

Reliable, affordable and easy to use business class security

The NETGEAR ProSAFE VPN (Virtual Private Network) Firewall ensures maximum privacy and security with high - level encryption.



<b>MODEL</b>	<b>FVS318N</b>
<b>Product Description</b>	ProSAFE® 802.11n Wireless SSL & IPsec VPN Gigabit Firewall
<b>Firewall</b>	DoS/SPI Firewall
<b>Router</b>	Ethernet NAT Router
<b>Dedicated VPN Tunnels</b>	5 IPSEC 2 SSL
<b>IPv6 Support</b>	•
<b>Switch Ports &amp; Interfaces</b>	(8) 10/100/1000 LAN (1) 10/100/1000 WAN
<b>VLAN Support</b>	•
<b>DMZ Hardware Port</b>	•
<b>Wireless Support</b>	IEEE 802.11b / 802.11g / 802.11n (2.4 GHz)
<b>Antennas</b>	
<b>Wireless Encryption</b>	64/128 WEP, WPA/WPA2 Enterprise (802.11i)
<b>Memory (Flash/DRAM)</b>	32 MB Flash, 128MB DRAM
<b>3DES Throughput</b>	50 Mbps
<b>Concurrent Sessions</b>	6000
<b>LAN-to-WAN Throughput</b>	95 Mbps
<b>User Support</b>	
<b>NAT/PAT</b>	•
<b>QoS</b>	•
<b>NTP Support</b>	•
<b>Classical Routing Mode</b>	•
<b>DHCP Client/Server</b>	•
<b>Static IP Assignment</b>	•
<b>Static Routing, Dynamic Routing</b>	•
<b>IPSec, L2TP, and PPTP VPN Passthrough</b>	IPsec ESP, AH
<b>VPN Protocols Supported</b>	•
<b>IKE Authentication (Pre-Shared Key, Certificates)</b>	AES, 3DES, DES
<b>IPSEC Encryption</b>	•
<b>Logging &amp; Monitoring, Policies &amp; Schedules, URL Content Filtering</b>	•
<b>EMAIL Notifications (Built-in-Alerts, Log)</b>	Syslog
<b>Remote Logging</b>	v2c
<b>SNMP</b>	•
<b>Browser-Based Configuration</b>	•
<b>Dimensions / Weight</b>	(H x W x D) 35 x 190 x 125 mm Weight: 0.56 kg
<b>Features:</b>	L2TP VPN Server
<b>Accessories</b>	VPN Client VPNG01L, VPNG05L
<b>Accessories: Network Management Software</b>	NMS200
<b>Warranty</b>	Hardware: Lifetime Power supply: 3 years
<b>ProSupport Service: - ONCALL 24X7 - XPRESSHW</b>	PMB0351 (5 years), PMB0331 (3 years), PMB0311 (1 year) PRR0351 (5 years), PRR0331 (3 years)



## VPN Client Software

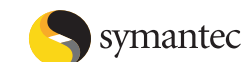


<b>MODEL</b>	<b>VPN CLIENT PROFESSIONAL SOFTWARE VPNG01L/VPNG05L</b>
<b>Product Description</b>	ProSAFE® VPN Client Professional Software, available in Single and Five User License
<b>Features</b>	Robust encryption and authentication NAT traversal support GUI for configuring security policies and managing certificates Redundant gateway capability Extensive interoperability with IPsec-compliant devices Preset configuration files available for NETGEAR® VPN/Firewall routers
<b>Netgear®-Compatible Devices</b>	Compatible with multiple Microsoft® Windows® platforms including Windows 7
<b>VPNc Certified</b>	Basic Interop
<b>Snmp Device Compatible</b>	N/A
<b>Warranty</b>	90-Day Media warranty

## NETGEAR ReadyNAS & ReadyDATA Storage Systems

**ReadyNAS:** Every network-attached storage (NAS) device from NETGEAR runs on the revolutionary ReadyNAS operating system. This custom-built OS protects stored data not only with XRAID2 automatic expansion, but is the first desktop NAS for the SMB to feature the continuous data protection of unlimited snapshots along with real-time anti-virus and native encryption. Designed specifically for the unique needs of small business users, ReadyNAS devices utilize proprietary ReadyCLOUD technology for cloud-based discovery, provisioning and even ongoing management. ReadyNAS - Storage Made EASY.

**ReadyDATA:** Every ReadyDATA ships with a full suite of advanced features such as block-level replication, deduplication, and thin provisioning. Add expansion to as many as 240TB and the dramatic performance boost that comes from supporting a mix of SSD, SAS and SATA drives within a volume, and ReadyDATA redefines the concept of storage for small and medium businesses, remote offices/branch offices (ROBO), and departments within enterprise organizations. ReadyNAS - Storage Made EASY.



# ReadyNAS Comparison Chart

Storage Made Easy for the Home or Business



	READYNAS 102	READYNAS 104	READYNAS 312	READYNAS 314	READYNAS 316	READYNAS 516	READYNAS 2120	
<b>Form Factor</b>	2-Bay Desktop	4-Bay Desktop	2-Bay Desktop	4-Bay Desktop	6-Bay Desktop	6-Bay Desktop	1U Rackmount	
<b>File Protocols</b>	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	
<b>Block Protocols</b>	iSCSI	iSCSI	iSCSI	iSCSI	iSCSI	iSCSI	iSCSI	
<b>Populated Drives</b>	Desktop SATA	Desktop SATA	Desktop/ Enterprise SATA	Desktop/ Enterprise SATA	Desktop/ Enterprise SATA	Enterprise SATA	Desktop/ Enterprise SATA	
<b>Gigabit Ethernet Ports</b>	1	2	2	2	2	2	2	
<b>10G Ethernet Port</b>	0	0	0	0	0	0	0	
<b>Supports EDA500 Expansion Chassis</b>	No	No	Yes	Yes	Yes	Yes	Yes	
<b>Reliability Features</b>	Hot Swappable Disks	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover ECC Memory	Hot Swappable Disks Network Failover	
<b>RAID Level Supported</b>	RAID 0,1	RAID 0,1,5,6,10	RAID 0,1	RAID 0,1,5,6,10	RAID 0,1,5,6,10	RAID 0,1,5,6,10	RAID 0,1,5,6,10	
<b>Auto Volume Expansion</b>	X-RAID2	X-RAID2	X-RAID2	X-RAID2	X-RAID2	X-RAID2	X-RAID2	
<b>Unique Features</b>	ReadyCLOUD discovery & management ReadyNAS Vault ReadyNAS Remote ReadyNAS Replicate Continuous Data Protection Snapshots	ReadyCLOUD discovery & management ReadyNAS Vault ReadyNAS Remote ReadyNAS Replicate Continuous Data Protection Snapshots	ReadyCLOUD discovery & management ReadyNAS Vault ReadyNAS Remote ReadyNAS Replicate Continuous Data Protection Snapshots	ReadyCLOUD discovery & management ReadyNAS Vault ReadyNAS Remote ReadyNAS Replicate Continuous Data Protection Snapshots	ReadyCLOUD discovery & management ReadyNAS Vault ReadyNAS Remote ReadyNAS Replicate Continuous Data Protection Snapshots	ReadyCLOUD discovery & management ReadyNAS Vault ReadyNAS Remote ReadyNAS Replicate Continuous Data Protection Snapshots	ReadyCLOUD discovery & management ReadyNAS Vault ReadyNAS Remote ReadyNAS Replicate Continuous Data Protection Snapshots	ReadyCLOUD discovery & management ReadyNAS Vault ReadyNAS Remote ReadyNAS Replicate Continuous Data Protection Snapshots
<b>Backup Option Integration</b>	Remote & Local Time Machine	Remote & Local Time Machine	Remote & Local Time Machine	Remote & Local Time Machine	Remote & Local Time Machine	Remote & Local Time Machine	Remote & Local Time Machine	
<b>Vmware Ready</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
<b>ReadyNAS Replicate (License Option)</b>	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed	
<b>Warranty (System)</b>	3 year standard warranty	3 year standard warranty	5 year standard warranty	5 year standard warranty	5 year standard warranty	5 year standard warranty	5 year standard warranty	
<b>ProSupport Service Options</b>	OnCall 24x7: PMB0311, PMB0331, PMB0351 XPressHW: PRR0331, PRR0351	OnCall 24x7: PMB0311, PMB0331, PMB0351 XPressHW: PRR0331, PRR0351	OnCall 24x7: PMB0312, PMB0332, PMB0352 XPressHW: PRR0332, PRR0352	OnCall 24x7: PMB0312, PMB0332, PMB0352 XPressHW: PRR0332, PRR0352	OnCall 24x7: PMB0312, PMB0332, PMB0352 XPressHW: PRR0332, PRR0352	OnCall 24x7: PMB0313, PMB0333, PMB0353 XPressHW: PRR0333, PRR0353	OnCall 24x7: PMB0313, PMB0333, PMB0353 XPressHW: PRR0333, PRR0353	OnCall 24x7: PMB0313, PMB0333, PMB0353 XPressHW: PRR0333, PRR0353
<b>System SKUs</b>	RN10200 RN10211D RN10212D RN10221D RN10222D RN10223D	RN10400 RN10421D RN10441D RN10442D	RN31200 RN31211D RN31212D RN31221D RN31222D	RN31400 RN31421D RN31441D RN31442D RN31441E RN31442E RN31443E	RN31600 RN31661D RN31662D RN31664D RN31661E RN31662E RN31663E RN31664E	RN51600 RN51661E RN51662E RN51663E RN51664E	RN2120 RN21241D RN21242D RN21241E RN21242E RN21243E RN21244E	

# ReadyNAS® Network storage for business solutions

Unified (NAS & SAN) Platform For All Your Storage Needs.



FAMILY	READYNAS 4200	READYNAS 3200																														
	ReadyNAS 12-bay, 2-U Business Rackmount NAS / Unified Storage (NAS and SAN)	ReadyNAS 12-bay, 2-U Business Rackmount NAS / Unified Storage (NAS and SAN)																														
<b>Operating System</b>	ReadyNAS OS 4.x	ReadyNAS OS 4.x																														
<b>MODELS</b>	<b>READYNAS 4200 RN12SXXX- INCLUDING 2 PORT 10 GIGABIT ETHERNET (SFP+)</b>	<b>READYNAS 4200 RN12TXXX OPTION FOR 10 GIGABIT ETHERNET (SFP+ ODER CX4)</b>																														
<b>Maximum Capacity</b>	48 TB	48 TB																														
<b>Available SKUs</b>	<table border="1"> <tr> <td>RN12S0000</td> <td>Diskless</td> <td>RN12T0000</td> <td>Diskless</td> </tr> <tr> <td>RN12S0620</td> <td>6x2 TB Enterprise Drive</td> <td>RN12T0620</td> <td>6x2TB Enterprise Drive</td> </tr> <tr> <td>RN12S1220</td> <td>12x2 TB Enterprise Drive</td> <td>RN12T0630</td> <td>6x3TB Enterprise Drive</td> </tr> <tr> <td></td> <td></td> <td>RN12T1210</td> <td>12x1 TB Enterprise Drive</td> </tr> <tr> <td></td> <td></td> <td>RN12T1220</td> <td>12x2TB Enterprise Drive</td> </tr> </table>	RN12S0000	Diskless	RN12T0000	Diskless	RN12S0620	6x2 TB Enterprise Drive	RN12T0620	6x2TB Enterprise Drive	RN12S1220	12x2 TB Enterprise Drive	RN12T0630	6x3TB Enterprise Drive			RN12T1210	12x1 TB Enterprise Drive			RN12T1220	12x2TB Enterprise Drive	<table border="1"> <tr> <td>RN12P0000</td> <td>Diskless</td> </tr> <tr> <td>RN12P0610</td> <td>6x1 TB Enterprise Drive</td> </tr> <tr> <td>RN12P0620</td> <td>6x2 TB Enterprise Drive</td> </tr> <tr> <td>RN12P1210</td> <td>12x1 TB Enterprise Drive</td> </tr> <tr> <td>RN12P1220</td> <td>12x2 TB Enterprise Drive</td> </tr> </table>	RN12P0000	Diskless	RN12P0610	6x1 TB Enterprise Drive	RN12P0620	6x2 TB Enterprise Drive	RN12P1210	12x1 TB Enterprise Drive	RN12P1220	12x2 TB Enterprise Drive
RN12S0000	Diskless	RN12T0000	Diskless																													
RN12S0620	6x2 TB Enterprise Drive	RN12T0620	6x2TB Enterprise Drive																													
RN12S1220	12x2 TB Enterprise Drive	RN12T0630	6x3TB Enterprise Drive																													
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RN12P1210	12x1 TB Enterprise Drive																															
RN12P1220	12x2 TB Enterprise Drive																															
<b>Redundant Power Supply</b>	•	•																														
<b>Supported Clients</b>	Windows, Mac, Linux/UNIX	Windows, Mac, Linux/UNIX																														
<b>Virtualization</b>	Vmware, Citrix and Microsoft Windows Server 2008R2 (HyperV)-ready	Vmware, Citrix and Microsoft Windows Server 2008R2 (HyperV)-ready																														
<b>NETWORK</b>																																
<b>Ports</b>	2x1GE, 2x10GE (SFP+)	2x1GE plus optional 2x1GE in addition																														
<b>10 GE</b>	Included																															
<b>Jumbo Frame Support</b>	•	•																														
<b>Failover &amp; Link Aggregation</b>	•	•																														
<b>PERFORMANCE</b>																																
<b>Processor</b>	Intel Xeon X3450 2.66 GHz	Intel Core Duo E7400 2.8 GHz																														
<b>Memory</b>	8 GB ECC	4 GB ECC																														
<b>DATA PROTECTION</b>																																
<b>RAID</b>	RAID 0, 1, 5, 6, 10, RAID 5 with Hotspare	RAID 0, 1, 5, 6, 10, RAID 5 with Hotspare																														
<b>X-RAID2 (Online expansion)</b>	Yes, with Dual Parity	yes, with Dual Parity																														
<b>Snapshot</b>																																
<b>Web Managed Replication for Disaster Recovery</b>	License, RNOORPL2	License, RNOORPL2																														
<b>Support of Symantec Backup Exec Agent</b>	•	•																														
<b>Backup Options</b>	Integrated Backup Manager, Remote Backup via CIFS/NFS/FTP/HTTP, Rsync Backup to/from USB drives, Secure Replication via rsync, ReadyNAS Vault offsite archive, Cloud-Managed Replication	Integrated Backup Manager, Remote Backup via CIFS/NFS/FTP/HTTP, Rsync Backup to/from USB drives, Secure Replication via rsync, ReadyNAS Vault offsite archive, Cloud-Managed Replication																														
<b>VOLUME MANAGEMENT</b>																																
<b>Online Volume Expansion</b>	•	•																														
<b>Quota Management</b>	•	•																														
<b>File System</b>	Journalled File System	Journalled File System																														
<b>Block-level Access</b>	iSCSI target mode support	iSCSI target mode support																														
<b>File-level Access</b>	CIFS/SMB for Windows; AFP for Mac OS 10.5+; NFS for Linux/UNIX/Virtualization; HTTP(S) and WebDAV for Web access; FTP(S); rsync	CIFS/SMB for Windows; AFP for Mac OS 10.5+; NFS for Linux/UNIX/Virtualization; HTTP(S) and WebDAV for Web access; FTP(S); rsync																														
<b>SECURITY</b>																																
<b>Share, User, Domain/ADS Modes</b>	•	•																														
<b>Windows ACL</b>	•	•																														
<b>Encrypted Network Logins</b>	•	•																														
<b>Secure Sockets Layer (SSL)</b>	•	•																														
<b>Advanced Folder Permission with Subfolder ACL Support for CIFS/SMB, AFP, FTP</b>	•	•																														
<b>Microsoft Active Directroy (AD) Authentication</b>	•	•																														
<b>USABILITY</b>																																
<b>Web management</b>	•	•																														
<b>GUI Set-up Wizard</b>	•	•																														
<b>Display</b>	Status LED Display	Status LED Display																														
<b>Alerting</b>	email, logs, LCD, Syslog, SNMP	Email, logs, LCD, Syslog, SNMP																														
<b>Network UPS with SNMP Management</b>	•	•																														
<b>Power Saving Options</b>	Disk spin-down, controlled cooling fan, Power on/off schedule, Wake-on-LAN, hard drive-, fan-, UPS-Shut Down	Disk spin-down, controlled cooling fan, Power on/off schedule, Wake-on-LAN, hard drive-, fan-, UPS-Shut Down																														
<b>ADDITIONAL FEATURES</b>																																
<b>Remote-Access</b>	HTTP, HTTPS, FTP, FTPS, WebDAV, ReadyNAS Remote	HTTP, HTTPS, FTP, FTPS, WebDAV, ReadyNAS Remote																														
<b>Servers and Network Options</b>	DHCP; WINS; NTP; SNMP	DHCP Server; WINS; NTP; SNMP; DLNA																														
<b>Trays</b>	12 hot-swappable trays	12 hot-swappable trays																														
<b>ReadyNAS Replicate (License)</b>	RNOORPL2	RNOORPL2																														
<b>ReadyNAS Surveillance for up to 16 cameras per ReadyNAS (license)</b>	RNNVR01L-10000S (1 Camera) RNNVR02L-10000S (2 Cameras) RNNVR04L-10000S (4 Cameras)	RNNVR01L-10000S (1 Camera) RNNVR02L-10000S (2 Cameras) RNNVR04L-10000S (4 Cameras)																														
<b>10Gig 2 Port NIC SFP+</b>		RN12T2SFP-100WWS																														
<b>10Gig 2 Port NIC CX4</b>		RN12T2CX4-100WWS																														
<b>2 Port 1 Gigabit</b>		RN12P2GE-100WWS																														
<b>Additional Features / Additional Services</b>	Symantec BackupExec: support of RALUS Agent; Egnyte® Office Local Cloud; ReadyNAS VAULT; ReadyNAS Remote, ReadyNAS Surveillance	Symantec BackupExec: support of RALUS Agent; Egnyte® Office Local Cloud; ReadyNAS VAULT; ReadyNAS Remote, ReadyNAS Surveillance																														
<b>Measurements (D x W x H)</b>	437 x 648 x 89 mm	437 x 648 x 89 mm																														
<b>Power Consumption (Depends on HDDs)</b>	170 Watts	170 Watts																														
<b>Warranty</b>	5 years for chassis and drives	5 years for chassis and drives																														
<b>ProSupport: Hardware Replacement</b>	3 Years NBD - Onsite - Hardware-replacement included. 2 Years NBD - Onsite - HW- Replacement extension: PMPX1124-10000S	3 Years NBD - Onsite - Hardware-replacement included. 2 Years NBD - Onsite - HW- Replacement extension: PMPX1124-10000S																														
<b>ProSupport: Premium-Extension (Priority-phone#)</b>	Premium Support with Priority-phone-number PMB0314 OnCall 24x7 (1 year) PMB0334 OnCall 24x7 (3 years) PMB0354 OnCall 24x7 (5 years)	Premium Support with Priority-phone-number PMB0314 OnCall 24x7 (1 year) PMB0334 OnCall 24x7 (3 years) PMB0354 OnCall 24x7 (5 years)																														

More details at <http://onsite.netgear.com>

# READYDATA® Network storage for business solutions



Enterprise Storage at an SMB-Price – Reliable, Affordable, Simple.



<b>FAMILY</b>	<b>READYDATA 5200</b>
<b>MODELS</b>	<b>RD5200 EMPTY HEADUNIT, DIVERSE DRIVE PACKS EDA2000 2U 12-BAY EXPANSION UNIT EDA4000 4U 24-BAY EXPANSION UNIT</b>
<b>Product Description</b>	ReadyDATA® 5200 2U Rackmount Network Storage – ZFS-based NAS & iSCSI SAN Enterprise-Class storage system
<b>Unified Architecture</b>	•
<b>Redundant Power Supply</b>	•
<b>SUPPORT CLIENTS</b>	Windows, Mac, Linux/UNIX, HTTP(s), FTP(s), iSCSI
<b>Supported drive types</b>	SATA, NL-SAS, SAS and SSD (only NETGEAR-drives)
<b>ReadyDATA OS, ZFS-based</b>	•
<b>Vmware-certified</b>	•
<b>Citrix-certified</b>	•
<b>Microsoft HyperV-certified</b>	•
<b>Intel Xeon Quad-core 2.66 GHz processor</b>	•
<b>16 GB ECC Memory</b>	•
<b>NETWORK</b>	
<b>Ports</b>	2 x 10/100/1000 Mbps Ethernet Ports with Load Balancing and Failover 2 x 10 GE Ethernet Ports with Load Balancing and Failover (SFP+) 2 USB 2.0 Ports
<b>10GE Support</b>	Zwei 10 Gigabit Ethernet Ports with Load Balancing and Failover
<b>Virtual Networking Interface Cards (vNIC)</b>	•
<b>DHCP or static IP address allocation</b>	•
	•
<b>LACP Support for Load Balancing and Failover</b>	•
<b>RAID</b>	
<b>RAID 0, 1, 5,10 RAID 5 with Hotspare</b>	•
<b>VOLUME MANAGEMENT</b>	
<b>Online volume expansion</b>	•
<b>Instant Volume Creation &amp; Expansion</b>	•
<b>Advanced Volume MgMt (Slicing)</b>	•
<b>Snapshot</b>	Non-disruptive and unlimited. Snapshots have no impact on performance
<b>Quota Management</b>	•
<b>Journalled file system</b>	•
<b>NETWORK FILE SYSTEM</b>	
<b>Block-level Access</b>	iSCSI Target Mode, simple iSCSI LUN creation and -management
<b>File-level Access</b>	CIFS/SMB for Windows; AFP 3.1 for Mac OS 9.X; NFS v2/v3 for Linux and UNIX HTTP(s) for webbrowser; FTP(s) Support, Rsync
<b>NETWORK SECURITY</b>	
<b>Share, user, domain/ADS modes</b>	•
<b>Secure Sockets Layer (SSL)</b>	•
<b>CHAP authentication for iSCSI LUN</b>	•
<b>Encrypted network Logins</b>	•
<b>POWER-SAVING OPTIONS</b>	
<b>Power-saving options</b>	Power on/off Schedule, Wake-on LAN
<b>USABILITY</b>	
<b>Web management</b>	•
<b>GUI Set-up Wizard</b>	•
<b>Status LED display</b>	•
<b>Email Alerts</b>	•
<b>UPS Integration</b>	•
<b>SNMP Integration</b>	•

More details at <http://onsite.netgear.com>

<b>FAMILY</b>	<b>READYDATA 5200 (continued)</b>
<b>BACKUP</b>	
<b>Snapshots hourly, daily, weekly</b>	Included, no license required
<b>SSL-secured, web-managed, block-based replication solution (Cloud managed replication)</b>	Included, no license required
<b>Acronis, Quest, StorageCraft, Symantec, VEEAM</b>	•
<b>Backup Target for CIFS, NFS, FTP, iSCSI</b>	•
<b>ADVANCED DATA MANAGEMENT</b>	
<b>Unlabeled Snapshots</b>	Included, no license required
<b>Compression and Deduplication</b>	Included, no license required
<b>Thick- and Thin-Provisioning</b>	•
<b>ACCESS</b>	
<b>Local User and Active Directory/ Windows Domain Support</b>	HTTP, HTTPS, FTP, FTPS, WebDAV, ReadyNAS Remote
<b>Secure Socket Layer (SSL)</b>	•
<b>Shares</b>	DHCP Server, WINS, NTP, SNMP
<b>CHAP authentication for iSCSI LUN</b>	•
<b>MODEL</b>	
<b>Desktop/Rackmount</b>	Rack mount 2U, expansion units with 2 and 4U
<b>Trays</b>	12 hot-swappable trays, expansion units with 12 and 14 trays
<b>Accessories</b>	rackmount-kit included
<b>Dimensions (W x D x H)</b>	437 x 648 x 89 mm
<b>Power Supplies</b>	2x700W server-rated
<b>Power consumption (depends on HDDs)</b>	e.g 290W with 12 x 1 TB Disks
<b>Redundancy</b>	Hot-swappable Disk Arrays, redundant power supplies redundant fans, ECC Memory
<b>Warranty</b>	5 years, 3 years NBD Onsite Hardware-replacement included
<b>Head- and Expansion units</b>	RD5200-100WWS - READYDATA 5200 BASE UNIT EDA2000-100WWS - READYDATA 2U 12-BAY EXPANSION EDA4000-100WWS - READYDATA 4U 24-BAY EXPANSION
<b>SATA Drivepacks</b>	RD5D1LT03-100WWS - 1 X 3TB SATA HDD DRVPK RD5D1LT02-100WWS - 1 X 2TB SATA HDD DRVPK RD5D1LT03-100WWS - 1 X 3TB SATA HDD DRVPK
	RD5D6LT01-100WWS - 6X1TB SATA HDD DRVPK RD5D6LT02-100WWS - 6X2TB SATA HDD DRVPK RD5D6LT03-100WWS - 6X3TB SATA HDD DRVPK
<b>NL-SAS Drivepacks</b>	RD5D1LN01-100WWS - 1X1T NL-SAS HDD DRVPK RD5D1LN02-100WWS - 1X2T NL-SAS HDD DRVPK RD5D1LN03-100WWS - 1X3T NL-SAS HDD DRVPK
	RD5D6LN01-100WWS - 6X1T NL-SAS HDD DRVPK RD5D6LN02-100WWS - 6X2T NL-SAS HDD DRVPK RD5D6LN03-100WWS - 6X3TB NL-SAS HDD DRVPK
<b>SAS-Drivepacks</b>	RD5D1LS01-100WWS - 1 X 300GB SAS HDD DRVPK RD5D1LS02-100WWS - 1 X 450GB SAS HDD DRVPK RD5D1LS03-100WWS - 1 X 600GB SAS HDD DRVPK
<b>ProSupport: Onsite-Hardware-Exchange</b>	3 Year NBD-Onsite-Hardware-Contain exchange in delivery. 2 Year NBD-Onsite-HW-Replacement-extension: PMPX1124-100005
<b>ProSupport: premium expansions (Priority-phone-number)</b>	Premium Support with Priority-phone numbers PMB0314 OnCall 24x7 (1 Year) PMB0334 OnCall 24x7 (3 Years) PMB0354 OnCall 24x7 (5 Years)
<b>ProSupport: Professional Services</b>	PSB 0304-100005 - Professional Setup and Configuration (Remote) PSP 1104-100005 - Professional Setup and Configuration (Onsite)

## NETGEAR ProSupport™

### Service Portfolio for ProSAFE and ReadyNAS Business Class Products

The NETGEAR ProSupport offerings provide you with peace of mind by extending and enhancing the standard warranty coverage included with your product purchase. XPressHW, which is available at an affordable price, enhances the hardware replacement entitlement from 5+ days to Next Business Day (NBD).\* OnCall 24x7, which includes NBD replacement, extends the warranty entitled advanced technical support to the contract term. Please select the right level of service from the tables shown here.

### Oncall 24X7 with XPRESSHW

NETGEAR OnCall 24x7 ProSupport service covers unlimited phone and email - based technical support for standard and advanced features. In the event of a hardware failure, NETGEAR will ensure that a replacement product is delivered for next - business - day arrival. NETGEAR recommends the OnCall 24x7 offering for customers seeking hardware and software coverage.

For more information on NETGEAR Support go to: [www.netgear.com/support](http://www.netgear.com/support)

Category 1	ProSupport SKU (Term)		
	OnCall 24x7	XPressHW	Onsite NBD
	PMB0351 (5 Yrs.) PMB0331 (3 Yrs.) PMB0311 (1 Yr.)	PRR0351 (5 Yrs.) PRR0331 (3 Yrs.)	PMPX1121 (2 Yrs.)
Model			
FS108	o	o	NA
FS108P	o	o	NA
FS116	o	o	NA
FS116P	o	o	NA
FS726T	I(1)	o	NA
FS726TP	I(1)	o	NA
FS728TP	I(1)	o	NA
FS728TS	I(1)	o	NA
FS750T2	I(1)	o	NA
FS752TP	I(1)	o	NA
FS752TS	I(1)	o	NA
FVG318	o	o	NA
FVS318	o	o	NA
FVS318G	o	o	NA
FVS318N	o	o	NA
FVS336G	o	o	NA
FVS338	o	o	NA
GS105	o	o	NA
GS105E	o	o	NA
GS108	o	o	NA
GS108E	o	o	NA
GS108P	o	o	NA
GS108PE	o	o	NA
GS108T	I(1)	o	NA
GS110TP	I(1)	o	NA
GS116	o	o	NA
GS116E	o	o	NA
GS510TP	I(1)	o	NA
GS716T	I(1)	o	NA
GS724T	I(1)	o	NA

## Onsite Hardware Replacement

NETGEAR provides three (3) years of NBD onsite hardware replacement as part of the warranty support for select business-class products. Now businesses can maintain critical networks with minimum down time and without the added costs of purchasing extra NBD onsite support. The products supported by the NBD replacement program include fully managed switches, wireless controllers and select rack mount ReadyNAS®, ReadyDATA® products. See tables on these pages.

NETGEAR, at its discretion, will provide services using a combination of remote technical remediation, advanced hardware replacement and onsite hardware replacement. In the event of a hardware failure, NETGEAR provides the following support:

Ship a replacement unit for Next Business Day (NBD)<sup>1</sup> arrival.

Dispatch a technician to arrive onsite who will:

- Remove the failed unit
- Install the replacement unit (including restoring the configuration file<sup>2</sup>)
- Test to ensure that the replacement unit is operational
- Package the failed unit for pick up

Coverage & response time: 8 AM – 5 PM, Next Business Day.

<sup>1</sup>Monday through Friday from 8am to 5pm local time, excluding NETGEAR holidays. Calls must be received and replacement authorization must be issued by the following cutoff time for NBD hardware replacement delivery: US/Canada – 6 PM (EST), UK/Ireland – 2 PM, Central Europe (CET) – 2 PM, Australia (EST) – 2 PM. Pre-registration of the products is required to ensure NBD HW replacement with Onsite Tech service.

<sup>2</sup>See customer responsibilities on backup of configuration files (ProSupport Terms and Conditions).

Category 1 Contd	ProSupport SKU (Term)		
	OnCall 24x7	XPressHW	Onsite NBD
	PMB0351 (5 Yrs.) PMB0331 (3 Yrs.) PMB0311 (1 Yr.)	PRR0351 (5 Yrs.) PRR0331 (3 Yrs.)	PMPX1121 (2 Yrs.)
Model			
GS724TS	I(1)	o	NA
GS728TP	I(1)	o	NA
GS728TPP	I(1)	o	NA
GS728TPSB	I(1)	o	NA
GS728TSB	I(1)	o	NA
GS28TXS	I(1)	o	NA
GS748T	I(1)	o	NA
JFS516	o	o	NA
JFS524	o	o	NA
JFS524E	o	o	NA
JGS516	o	o	NA
JGS524	o	o	NA
JGS524E	o	o	NA
RN102xx	o	o*	NA
RN104xx	o	o*	NA
RNDU2xxx	o	o*	NA
SRX5308	o	o	NA
SRXN3205	o	o	NA
WAGL102	o	o	NA
WAG102	o	o	NA
WG103	o	o	NA
WNAP210	o	o	NA
WNAP320	o	o	NA
WNDAP350	o	o	NA
WNDAP360	o	o	NA
WNDAP6xx	o	o	NA
XS708E	o	o	NA



Category 2			
Model	ProSupport SKU (Term)		
	OnCall 24x7	XPressHW	Onsite NBD
	PMB0352 (5 Yrs.) PMB0332 (3 Yrs.) PMB0312 (1 Yr.)	PRR0352 (5 Yrs.) PRR0332 (3 Yrs.)	PMPX1122 (2 Yrs.)
EDA500	o	o	NA
FSM5210P	I(L)	NA	I(3)
FSM7226P	I(L)	NA	I(3)
FSM7250P	I(1)	NA	I(3)
GS724TP	I(1)	o	NA
GS724TPS	I(1)	o	NA
GS748TP	I(1)	o	NA
GS748TPS	I(1)	o	NA
GS748TS	I(1)	o	NA
GS748TS3U	I(1)	o	NA
GS752TP	I(1)	o	NA
GS752TPS	I(L)	o	NA
GS752TPSB	I(L)	o	NA
GS752TS	I(1)	o	NA
GS752TSB	I(1)	o	NA
GS752TXS	I(1)	o	NA
GS752TXSB	I(1)	o	NA
GSM5212	I(L)	NA	I(3)
GSM5212P	I(L)	NA	I(3)
GSM7212F	I(L)	NA	I(3)
GSM7212P	I(L)	NA	I(3)
GSM7224P	I(L)	NA	I(3)
GSM7224SK	I(L)	NA	I(3)
GSM7224-200	I(L)	NA	I(3)
GSM7226LP	I(L)	NA	I(3)
RN312xx	o	o*	NA
RN314xx	o	o*	NA
RN316xx	o	o*	NA
RNDX4xxx	o	o*	NA
WMS5316	o	o	NA
XS712T	I(1)	o	NA

Category 3			
Model	ProSupport SKU (Term)		
	OnCall 24x7	XPressHW	Onsite NBD
	PMB0353 (5 Yrs.) PMB0333 (3 Yrs.) PMB0313 (1 Yr.)	PRR0353 (5 Yrs.) PRR0333 (3 Yrs.)	PMPX1123 (2 Yrs.)
EDA2000	o	NA	I(3)
EDA4000	o	NA	I(3)
GSM7228PS	I(L)	NA	I(3)
GSM7228S	I(L)	NA	I(3)
GSM7248P	I(L)	NA	I(3)
GSM7248-200	I(L)	NA	I(3)
GSM7248SK	I(L)	NA	I(3)
GSM7328FS	I(L)	NA	I(3)
GSM7328S	I(L)	NA	I(3)
RN516xx	o	o*	NA
RNDU6xxx	o	o*	NA
RNRP4xxx	o	NA	I(3)
RN212x	o	o*	NA
WC7520	o	NA	I(3)

I (1) Tech Support is included for 1-year with product purchase+; extension available  
 I (3) Onsite NBD is included for three 3-years with new product purchase; extension available  
 I (L) I (L) Tech Support is included for lifetime with product purchase+  
 + Purchased after Dec 31, 2011;  
 NA Not Applicable  
 o Option for new purchase, extension or renewal (extended HW warranty is included if applicable)  
 o\* Option for new purchase or renewal (available only if hardware warranty is valid)

\*Calls must be received and replacement authorization must be issued by the cutoff time for NBD replacement. Contact the local call centers for the cutoff time.

Category 4			
Model	ProSupport SKU (Term)		
	OnCall 24x7	XPressHW	Onsite NBD
	PMB0354 (5 Yrs.) PMB0334 (3 Yrs.) PMB0314 (1 Yr.)	NA	PMPX1124 (2 Yrs.)
GSM7252PS	I(L)	NA	I(3)
GSM7252S	I(L)	NA	I(3)
GSM7352S	I(L)	NA	I(3)
RD52xxxx	o	NA	I(3)
RN12Pxxxx	o	NA	I(3)
RN12Sxxxx	o	NA	I(3)
RN12Txxxx	o	NA	I(3)
XSM7224	I(L)	NA	I(3)
XSM7224S	I(L)	NA	I(3)

### ReadyDATA Replicate™

Your business already entrusts your most important data to the ReadyNAS. ReadyDATA Replicate simplifies the replication of that data to another ReadyNAS whether the two systems are on the same LAN or whether they're a world apart. Simply set up the replication job and run the initial replication locally. Then move the second ReadyNAS anywhere with Internet access, and the replication continues, with no additional setup. As you can see, ReadyDATA Replicate is just one of many smart ways that the ReadyNAS simplifies your business storage needs.

### ProSAFE Software



Model	Network Management Software — NMS200
<b>Product Description</b>	ProSAFE Network Management Software
<b>Features</b>	Powerful, scalable and simple to use  Single console for extensive visibility, granular control, and seamless automation  Configuration and Firmware/OS management
<b>NETGEAR- Compatible Devices</b>	XCM8800 Series Chassis Switches, ProSAFE Managed Switches, ProSAFE Smart Switches, ProSAFE Wireless Controllers, ProSAFE Wireless Access Points, ReadyNAS Storage Devices
<b>Warranty</b>	90-Day Media warranty

## NETGEAR Warranties

### Lifetime Hardware Warranty Switching and Wireless

ProSAFE products are designed and built to the high standards that are required for business class networks. To clearly demonstrate that NETGEAR products offer world-class quality, NETGEAR offers the original purchaser a full lifetime hardware warranty on ProSAFE products including switches, firewalls and wireless access points.

\*The lifetime hardware warranty only covers hardware, fans, and internal power supplies, and does not include external power supplies or software. Hardware modifications or customization void the warranty. The warranty is only valid for the original purchaser and cannot be transferred.

\*\*Next business day onsite replacement support. Advanced registration required. For a list of countries where service is available, and terms and conditions visit <http://onsite.netgear.com>.



**NETGEAR®**  
ProSAFE™

### 5-Year Hardware Warranty Storage

Network Attached Storage (NAS) is dedicated hard-disk-based storage technology designed to be connected directly to a computer network, providing centralized data access to multiple network clients for your small or medium-sized business. NETGEAR ReadyNAS business products are now available with an industry-leading 5-year hardware warranty

\*The 5-Year hardware warranty only covers hardware, fans, and internal power supplies, and does not include external power supplies or software. Hardware modifications or customization void the warranty. The warranty is only valid for the original purchaser and cannot be transferred.

\*\*3-Year Next business day onsite replacement support. Advanced registration required. For a list of countries where service is available, and terms and conditions visit <http://onsite.netgear.com>.

**NETGEAR®**  
ReadyNAS™

### ProSECURE Warranty Security

ProSECURE brings enterprise-class Web and Email security to the SMB. Built on a patent-pending stream scanning architecture, NETGEAR ProSECURE provides a comprehensive, best-of-breed security solution, including proactive, “zero-hour” detection and “set it and forget it” administration. ProSECURE STM business products are available with a 2-Year hardware warranty, and ProSECURE UTM products come with a lifetime warranty.

\*The 2-Year hardware warranty only covers hardware, fans, and internal power supplies, and does not include external power supplies or software. Hardware modifications or customization void the warranty. The warranty is only valid for the original purchaser and cannot be transferred.

**NETGEAR®**  
ProSECURE™

### Onsite Hardware Replacement (Next Business Day)

NETGEAR provides three (3) years of Next Business Day\* (NBD) onsite hardware replacement as part of the warranty support for selected business-class products. Now businesses can maintain critical networks and storage systems without having to buy the costly service protection options. The onsite hardware replacement covers fully managed switches, wireless controllers and selected rack mount ReadyNAS products.\*\*

\*Calls must be received and replacement authorization must be issued by the cutoff time for NBD replacement. Contact the local call centers for the cutoff time.

\*\*See <http://onsite.netgear.com> for the covered products and countries.

### Lifetime ProSupport 24x7 for Managed Switches

Lifetime Technical Support (ProSupport 24x7) is included\*\*\* standard with all NETGEAR fully managed switches, including the Fast Ethernet (FSM), Gigabit Ethernet (GSM) and 10Gb Ethernet (XSM) families.

Lifetime ProSupport 24x7 demonstrates the commitment from NETGEAR to further enhance the reliability, affordability and simplicity of its solutions. The smart switches\*\*\* come standard with one (1) year of ProSUPPORT 24x7.

\*\*\*New units purchased after December 31, 2013