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NETGEAR®

Advance Further Commercial Products

2014



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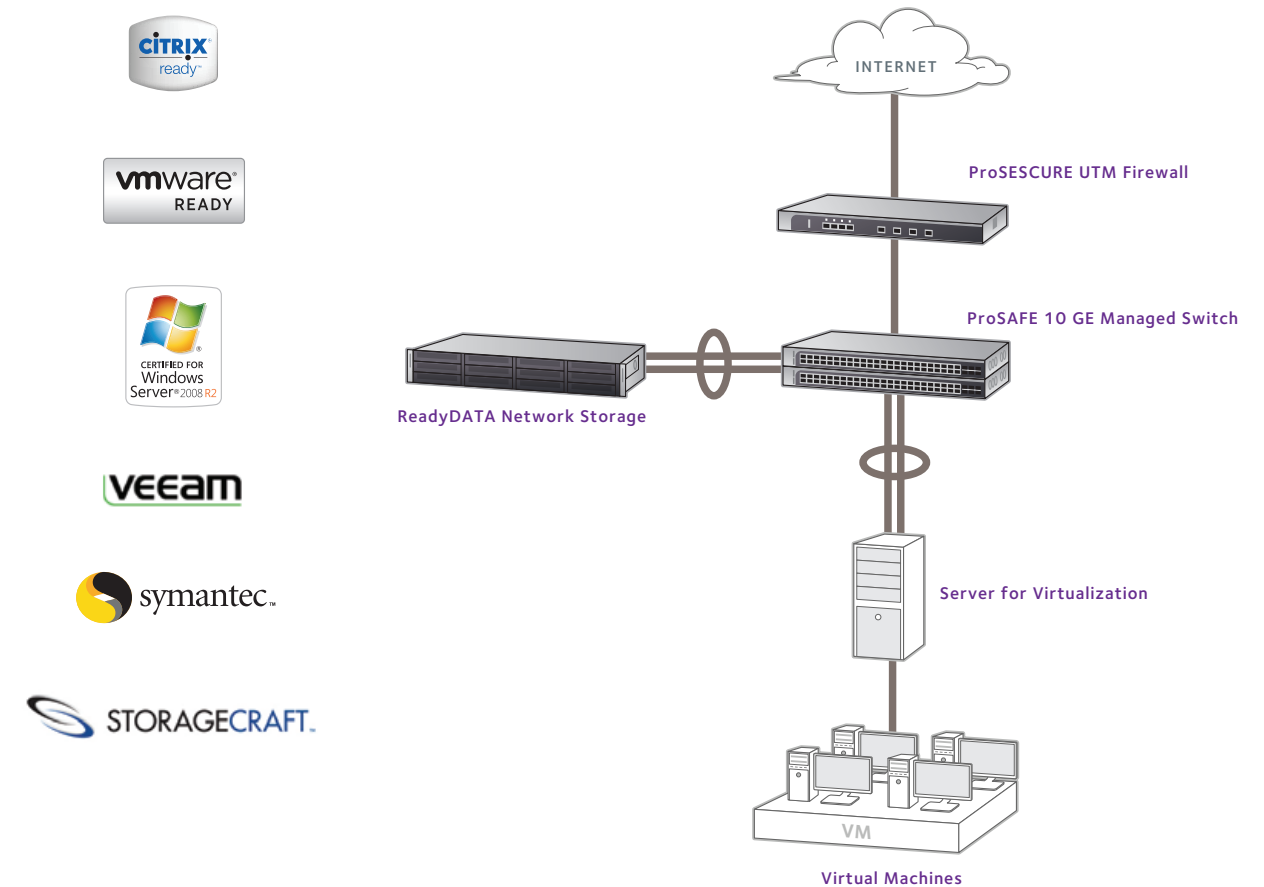
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Midmarket Solutions Virtualization

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

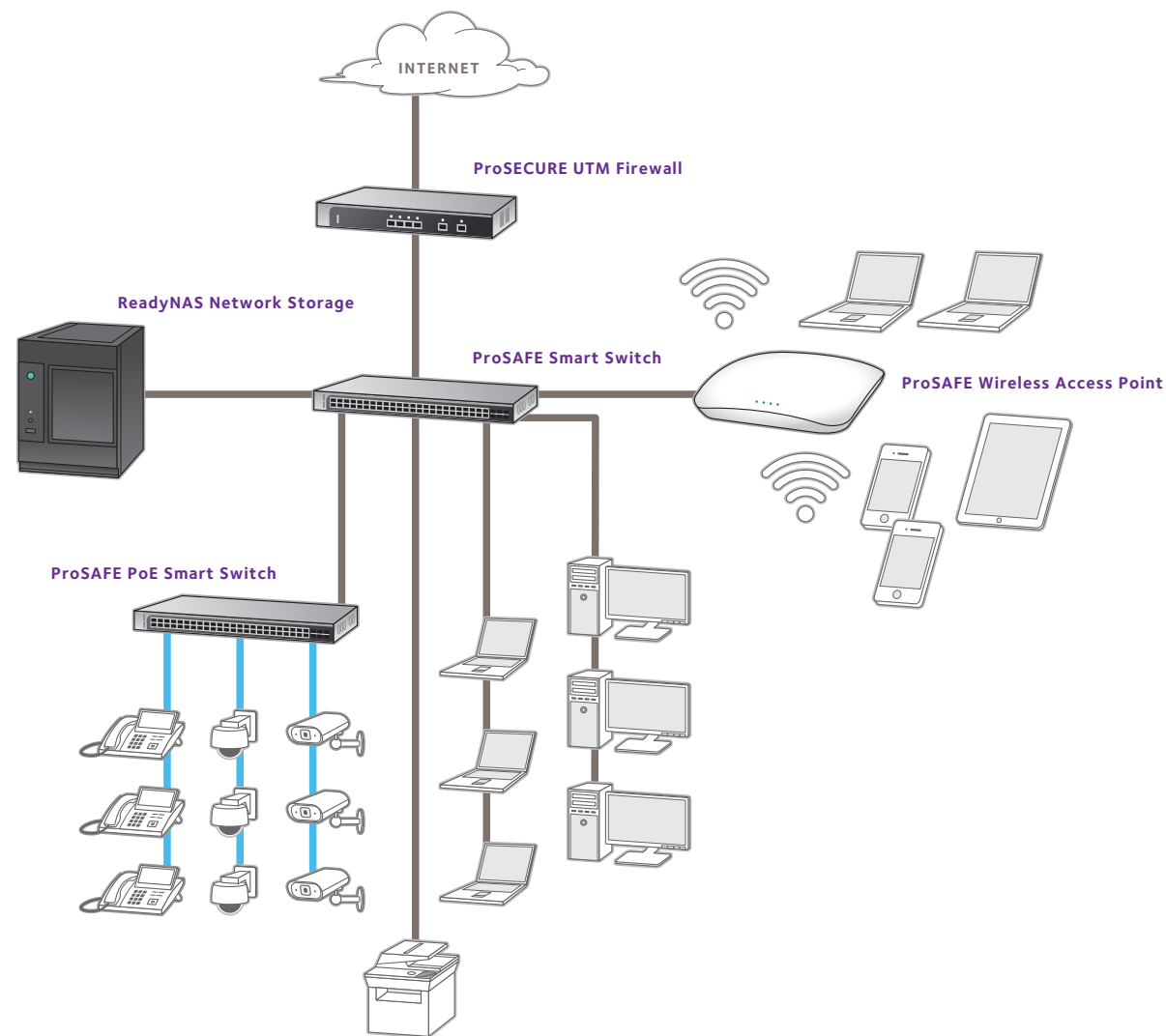


Midmarket Solutions Cloud Computing

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

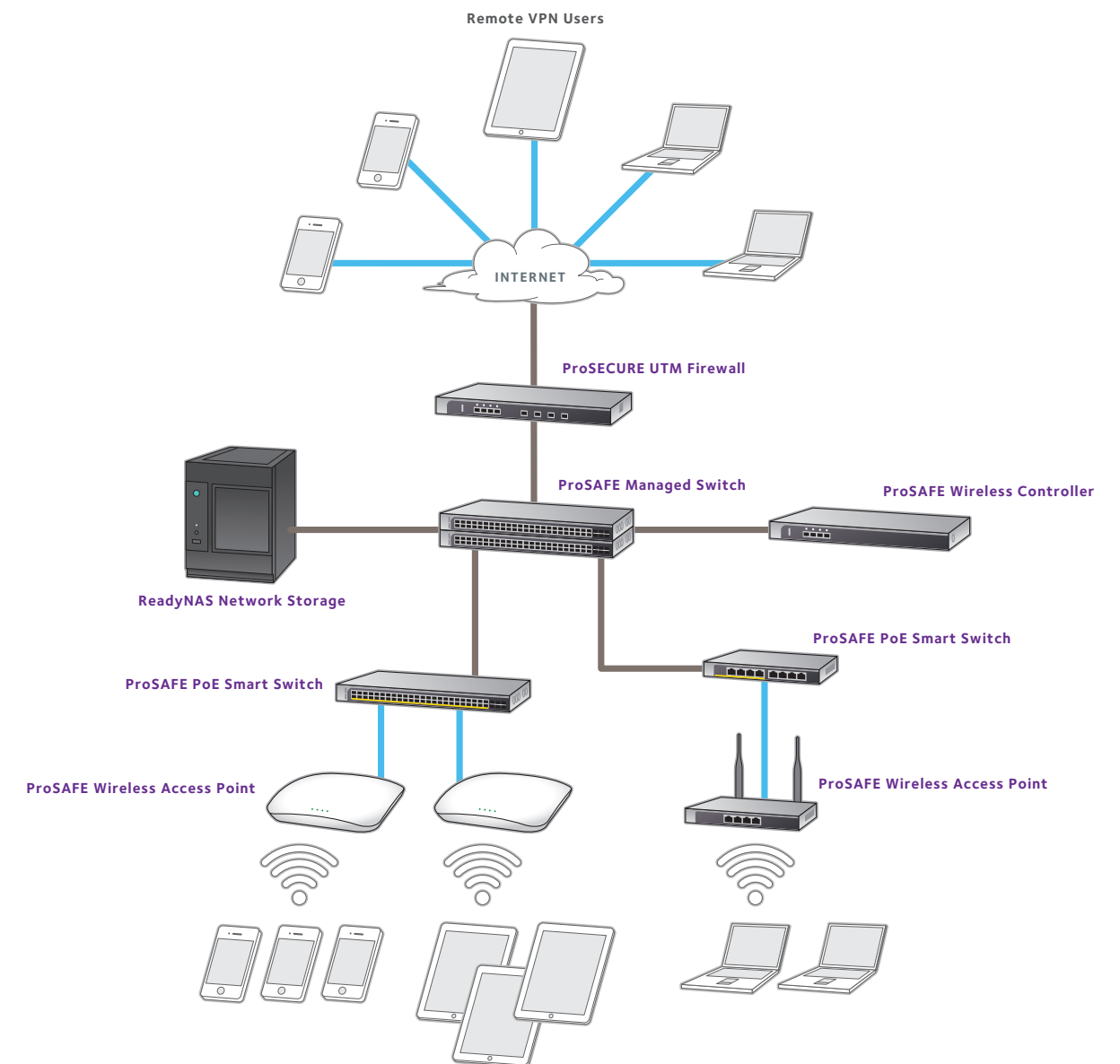


Midmarket Solutions Mobility

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.

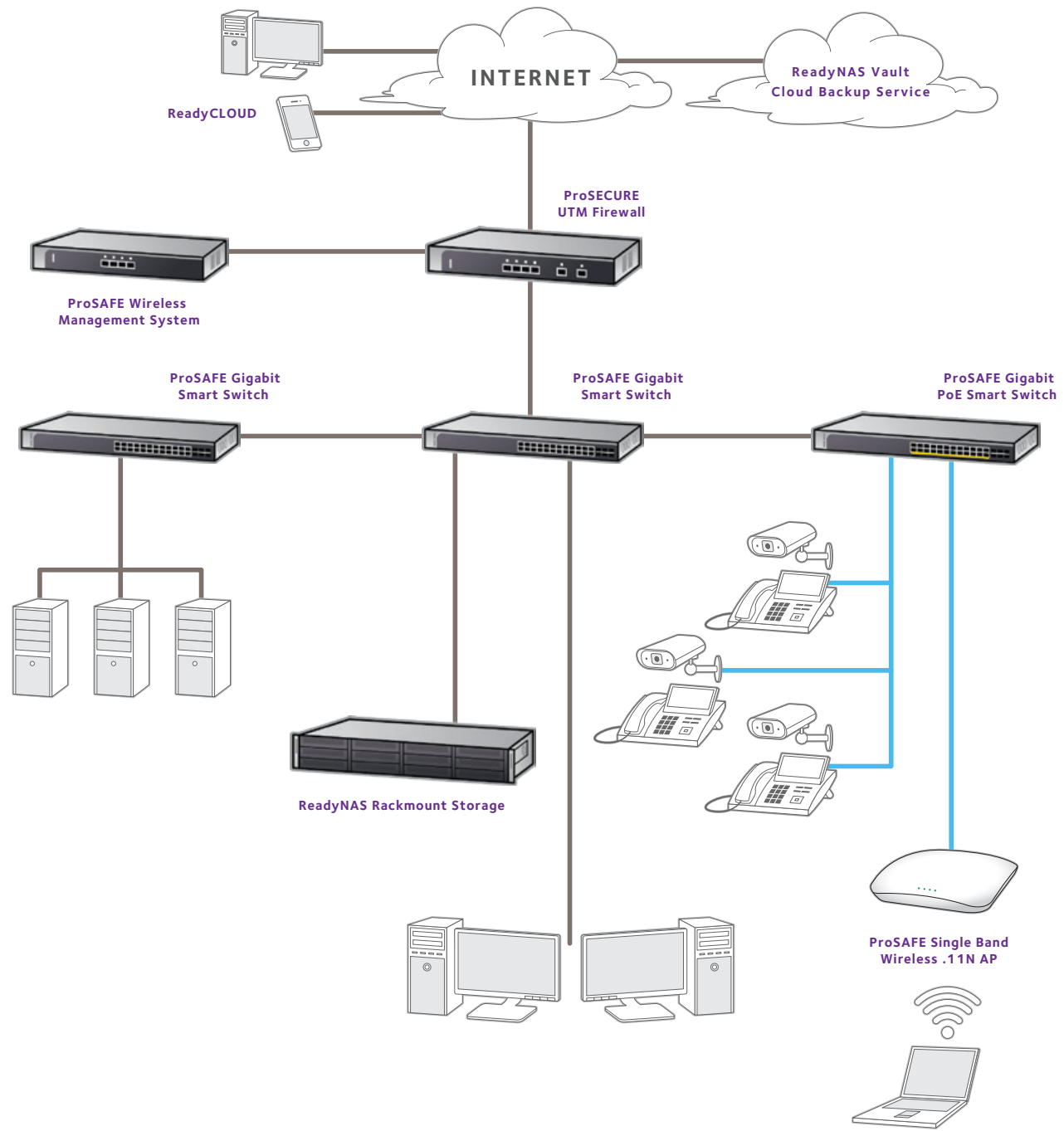
NETGEAR products can help you build solutions like:

- 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



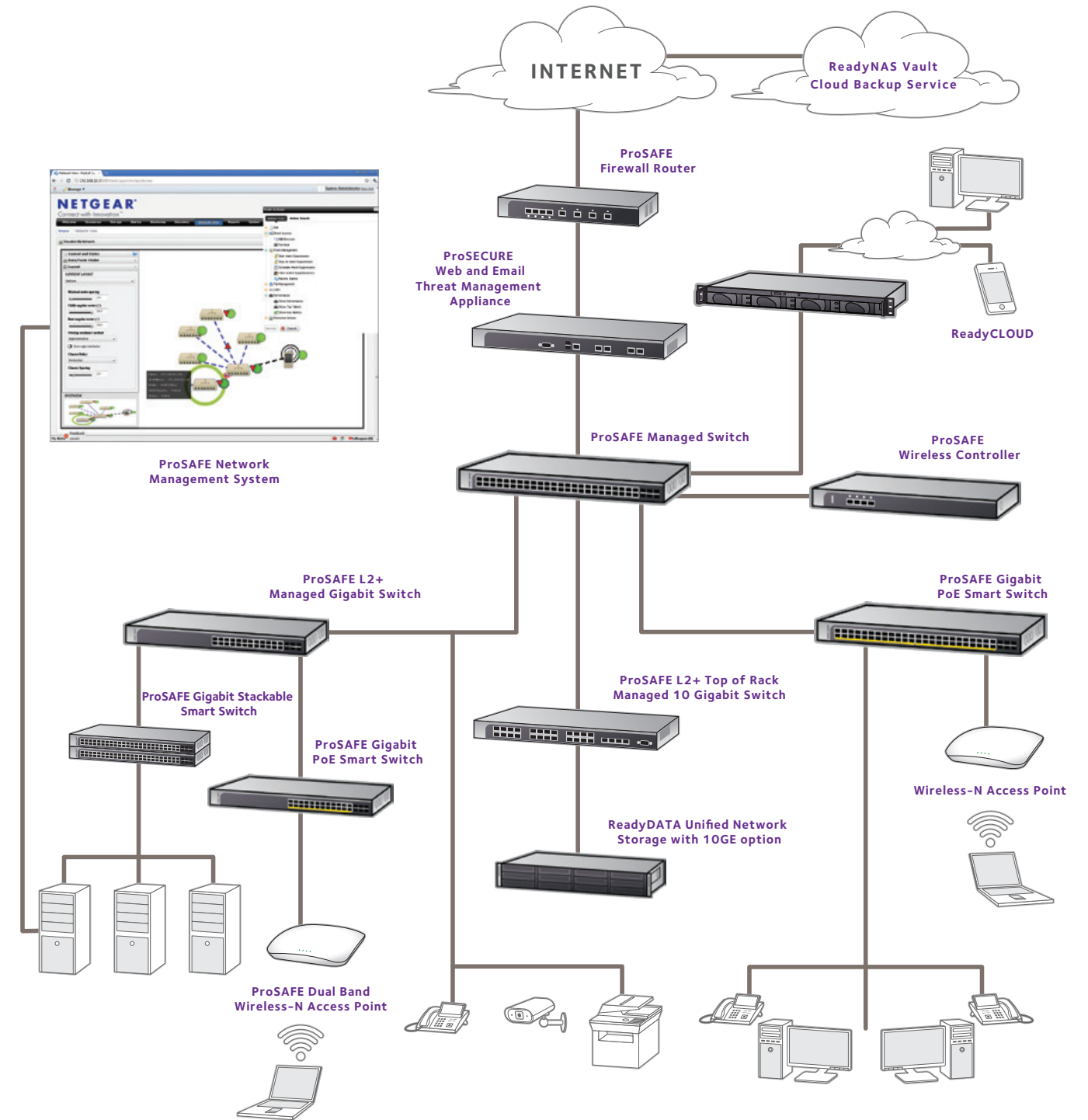
Network Solution for a Small Business, 5-75 Users

Connection Setup



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

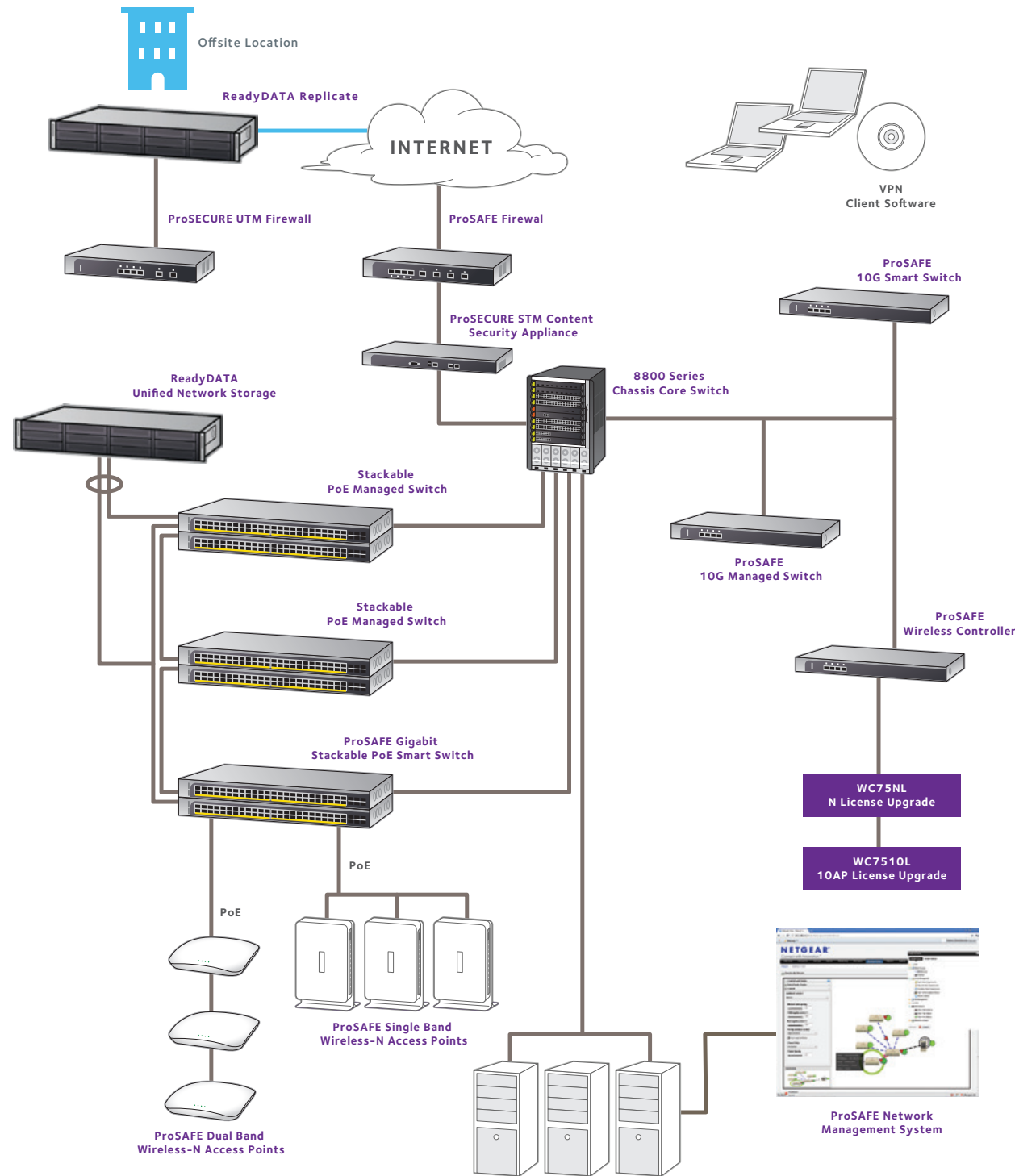
Connection Setup





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

Connection Setup



ProSAFE® Switches

NETGEAR provides a complete line of reliable, affordable networking switches for a wide range of applications — from 5-port desktop units for consumers and small offices, to high-end rackmount managed switches for large organizations and service providers, NETGEAR delivers innovative switching solutions without the cost and complexity of big IT.

Small to medium organizations

NETGEAR ProSAFE Unmanaged Switches provide “plug-and-play” ease of use for instant and reliable network connectivity for small and medium businesses. NETGEAR offers a full range of unmanaged switches for all types of network deployments — from Fast Ethernet to Gigabit, from 5 to 24 ports and with PoE options. All NETGEAR ProSAFE Unmanaged Switches deliver superior quality, high performance and reliability.

For businesses in need of more flexibility, NETGEAR ProSAFE Plus Switches deliver the ideal blend of simplicity and ease of use. By adding visibility and control capabilities to the plug-and-play connectivity of our standard Unmanaged Switches, ProSAFE Plus Switches empowers small businesses with the capabilities to monitor and configure their network via web-based management at an affordable price.

NETGEAR ProSAFE Smart Switches offer a cost-effective solution for small and medium businesses that require an essential set of network features and web-based management. NETGEAR offers a broad range of ProSAFE Smart Switches to support a variety of networking needs, including Fast Ethernet, Gigabit and 10-Gigabit network deployments, as well as PoE and stacking requirements. Whether you are upgrading your network, bringing network intelligence to the edge, developing VoIP and IP Surveillance, converging wired and wireless networks, ProSAFE Smart Switches are the ideal solution.

Large organizations and campus networks

For larger deployments that require higher levels of network stability, reliability and availability NETGEAR ProSAFE Managed Switches deliver an unbeatable combination of performance, security, and the convergence of voice, video and data networking. Regardless of your needs, ProSAFE Managed Switches deliver state-of-the-art technology for advanced networking solutions: the ProSAFE M5300 and M4100 edge series reinvent the unified access layer in campus and enterprise networks with superior availability (RPS/EPS) and investment protection (PoE scalability); the 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; and the 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



- 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
- 52 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	GREEN FS116	FS116P	GREEN JFS516	GREEN JFS524	GREEN
Port Configuration	10/100 RJ45 Ports (Auto Uplink)	5	8	8		16		16	
	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								
	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	
Multicast Filtering	Auto Voice VLAN								
	IGMP Snooping Version								
Performance	IGMP Snooping Querier								
	Bandwidth	1 Gbps	1.6 Gbps	1.6 Gbps	3.2 Gbps	3.2 Gbps	3.2 Gbps	4.8 Gbps	
Availability	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	
	Spanning Tree 802.1d/RSTP .1w/MSTP .1s								
Traffic Management	RPS Redundant Power Supply								
	Modular Power Supply								
	Number of 802.1q Vlan/Number of Vlan Group								
	Link Agregation 802.3ad/LACP								
L3 Routing	Discovery Protocol LLDP 802.1ab								
	Rate Limiting								
	Broadcast Storm Control								
	IPv4 Static Routing								
Security	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								
Energy Efficiency	Guest VLAN								
	DHCP Snooping/IP Source Guard/ARP Guard								
	TACACS+								
	EEE 802.3az			Supports			Supports	Supports	
Physical	Auto Port Power Down			Supports					
	Dynamic Power Consumption			Based on Cable Length			Based on Cable Length	Based on Cable Length	
	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	
Electromagnetic Compliance	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	
	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	Warranty Power Supply	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, Gigabit				
MODEL		GS105	GS108	GS108P	GS116	JGS516	JGS524	JGS524F	GS105EV2	GS105PE	GS108EV2
Port Configuration	10/100 RJ45 Ports (Auto Uplink)										
	10/100/1000 RJ45 Ports (Auto Uplink)	5	8	8	16	16	24	24	5	5	8
	Fiber Ports							2 SFP			
PoE	10Gig Module Bays										
	Power Over Ethernet 802.3af Ports			4							
	PoE Plus (30W) 802.3at Ports										
Stacking	Total PoE Budget			50 W							
	Number of Dedicated Stacking Ports										
	Stacking Bandwidth										
Scalability	Stacking (maximum capacity)										
	Stacking Compatibility										
	# MAC Addresses	4,000	4,000	4,000	8,000	8,000	8,000	8,000	8,000	8,000	4,000
System Management	ARP Table – Size of										
	# Routing Entries										
	# ACL Rules										
Quality of Service	Single IP Management										
	Web Managed/GUI										
	Command Line Interface/RS232 Console/Telnet										
Multicast Filtering	SNMP Version										
	RMON Group										
	DHCP (Client/Server)								DHCP Client	DHCP Client	DHCP Client
Performance	Port Mirroring								Many-to-One	Many-to-One	Many-to-One
	IPV6 full set										
	Number of Priority Queues	4	4	4	4	4	4	4	4	4	4
Availability	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 and DSCP	802.1p, Port-based and DSCP	802.1p, Port-based
	Auto Voice VLAN										
	IGMP Snooping Version								v1, v2 and v3	v1, v2 and v3	v1, v2 and v3
Traffic Management	IGMP Snooping Querier										
	Bandwidth	10 Gbps	16 Gbps	16 Gbps	32 Gbps	32 Gbps	48 Gbps	48 Gbps	10 Gbps	10 Gbps	16 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	128KB	128KB	192 KB
L3 Routing	Jumbo Frames	•	•	•	•	•	•	•	•	•	•
	Spanning Tree 802.1d/RSTP.1w/MSTP.1s										
	RPS Redundant Power Supply										
Security	Modular Power Supply										
	Number of 802.1q Vlan/Number of Vlan Group								64	64	32
	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										
ProSupport Maintenance PKGS	SSL/SSH & HTTPS										
	Guest VLAN										
	DHCP Snooping/IP Source Guard/ARP Guard										
Warranty Power Supply	TACACS+										
	EEE 802.3az	Supports	Supports		Supports	Supports	Supports	Supports	•	•	Supports
	Auto Port Power Down	•	•	•	•	•	•	•	•	•	•
Modules	Dynamic Power Consumption		•	•	•	•	•	•	•	•	•
	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	4 Watts	Via PD	4 Watts
	Desktop/Rackmount	D	D	D	D	R	R	R	D	D	D
Electromagnetic Compliance	Metal/Plastic Enclosure	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	5,905,968 Hours		5,701,574 Hours
	Acoustic Noise at 25°C								0 dBA	0 dBA	0
Warranty Hardware	Fan										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 43mm (13 x 6.7 x 1.7 in.)	94 x 104 x 28 mm (3.7 x 3.98 x 1.02 in.)	158 x 105 x 27mm (6.22 x 4.13x 1.06 in.)	158 x 105 x 27 (6.2 x 4.0 x 1.1 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)	0.27 kg (0.60 lb)	0.45 kg (0.99 lb)	0.55 kg (1.2 lbs)
Warranty Power Supply	Class (A or B)	A	B	B	A	A	A	A	B	B	B
	AGM731F/732F										
	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
ProSupport Maintenance PKGS	2 Year	2 Year	2 Year	2 Year	2 Year	Lifetime	Lifetime	Lifetime	2 Year	2 Year	Lifetime
	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



ProSAFE Switches



NETGEAR
ProSAFE



MODEL	ProSAFE plus, L2, Gigabit					ProSAFE plus, L2, 10 GIGABIT				Smart Managed, L2, 10/100 Fast Ethernet								
	GS108PEV2	GS116EV2	GREEN	JGS516PE	GREEN NEW	JGS524EV2	GREEN	JGS524PE	GREEN NEW	XS708E	NEW	FS526T	GREEN NEW	FS726T	FS726TP	FS728TLP	GREEN NEW	
Port Configuration	10/100 RJ45 Ports (Auto Uplink)																	
	10/100/1000 RJ45 Ports (Auto Uplink)	8	16		16	24		24		8 10GBase-T		2		2	2	4		
	Fiber Ports									1 Combo SFP+ (10G)				1 SFP	2 SFP	2 SFP		
	10Gig Module Bays																	
PoE	Power Over Ethernet 802.3af Ports	4			8			12							12	12		
	PoE Plus (30W) 802.3at Ports																	
	Total PoE Budget	45W			85W			100W							100 Watts	100 Watts		
Stacking	Number of Dedicated Stacking Ports																	
	Stacking Bandwidth																	
	Stacking (maximum capacity)																	
	Stacking Compatibility																	
Scalability	# MAC Addresses	4,000	16,000		16,000	16,000		16,000		32,000		8,000		4,000	4,000	8,000		
	ARP Table - Size of																	
	# Routing Entries																	
	# ACL Rules											128				128		
System Management	Single IP Management																	
	Web Managed/GUI											•		•		•		
	Command Line Interface/RS232 Console/Telnet																	
	SNMP Version											v1, v2c, v3		v1, v2c	v1, v2c	v1, v2c, v3		
	RMON Group											1,2,3,9				1,2,3,9		
	DHCP (Client/Server)	DHCP Client	DHCP Client		DHCP Client	DHCP Client		DHCP 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		
	IPv6 full set																	
	Quality of Service	Number of Priority Queues	4	4		4	4		4		4		8		2	2	8	
		Traffic Prioritization	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 and DSCP		802.1p, Port-Based	802.1p, Port-Based	802.1p and DSCP	
Auto Voice VLAN												•				•		
Multicast Filtering	IGMP Snooping Version	v1, v2 and v3	v1, v2 and v3		v1, v2 and v3	v1, v2 and v3		v1, v2 and v3		v1, v2 and v3		v1, v2, v3		v1	v1	v1, v2, v3		
	IGMP Snooping Querier											•				•		
Performance	Bandwidth	16 Gbps	32 Gbps		32 Gbps	48 Gbps		48 Gbps		160Gbps		8.8 Gbps		8.8 Gbps	8.8 Gbps	12.8 Gbps		
	Buffer Memory	192 KB	6 Mb per system		6 Mb per system	6 Mb per system		6 Mb per system		2 MB Per System		4MB Per System		250 KB	250 KB	4MB Per System		
	Jumbo Frames	•	•		•	•		•		•		•		•	•	•		
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s											802.1d, .1w, .1s		80.2.1d	80.2.1d	802.1d, .1w, .1s		
	RPS Redundant Power Supply																	
	Modular Power Supply																	
Traffic Management	Number of 802.1q Vlan/Number of Vlan Group	32	100		100	100		100		64		128		64	64	128		
	Link Agregation 802.3ad/LACP					Manual LAG		Manual LAG		Manual LAG		•		•	•	•		
	Discovery Protocol LLDP 802.1ab											•		•	•	•		
	Rate Limiting	•	•		•	•		•		•		•		•	•	•		
	Broadcast Storm Control	•	•		•	•		•		•		•		•	•	•		
L3 Routing	IPv4 Static Routing																	
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP																	
	IPv6 Static Routing, IPv6 OSPFv3																	
	IPv4 / IPv6 Multicast Routing PIM-SM/DM																	
Security	IEEE 802.1x (RADIUS)											Supports				Supports		
	ACL - Access Control Lists											MAC, IP				MAC, IP		
	SSL/SSH & HTTPS																	
	Guest VLAN											•				•		
	DHCP Snooping/IP Source Guard/ARP Guard																	
Energy Efficiency	TACACS+																	
	Energy Star	Supports	•		•	•		•		•		•		•	•	•		
	Auto Port Power Down	•	•		•	•		•		•		•		•	•	•		
	Dynamic Power Consumption	•	•		•	•		•		•		•		•	•	•		
Physical	Max Power Consumption	51.1 Watts	10 Watts		110 Watts	13.8 Watts		123 Watts		58.8 Watts		12 Watts		13 Watts	122 Watts	124 Watts		
	Desktop/Rackmount	D	D		R	R		R		R		R		R	R	R		
	Metal/Plastic Enclosure	M	M		M	M		M		M		M		M	M	M		
	MTBF	3,649,507 Hours	504,993 Hours		840,354 Hours	243,476 Hours		643,506 Hours		221,813 Hours		334,168 Hours		305,000 Hours	327,000 Hours	755,725 Hours		
	Acoustic Noise at 25°C	0	0		24.5 dBA	0		24.4 dBA		34.7dBA		0 dBA		0 dBA	42.9 dBA	30.7 dBA		
	Fan	0	0		1	0		1		2					•	•		
	Width x Depth x Height	235 x 103 x 27 mm (9.25 x 4.06 x 1.06 in)	286 x 101 x 26 mm (11.26 x 3.98 x 1.02 in)		328 x 169 x 43 mm (12.9 x 6.65 x 1.7 in)	328 x 170 x 43 mm (12.9 x 6.9 x 1.7 in)		328 x 169 x 43 mm (12.9 x 6.65 x 1.7 in)		330 x 207 x 43 mm (13 x 8.2 x 1.7 in)		326 x 168 x 43 mm (12.83 x 6.61 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 204 mm (17.3 x 8 x 1.7 in)		
Weight	0.726 kg (1.6 lbs)	0.84 kg (1.85 lb)		1.67 kg (3.68 lb)	1.4 kg (3.09 lb)		1.84 kg (4.06 lb)		3.6 kg (6.5 lb)		1.35 kg (2.98 lb)		2.5 kg (5.5 lb)	3.0 kg (6.6 lb)	2.92 kg (6.44 lb)			
Electromagnetic Compliance	Class (A or B)	A		A	A		A		A		A		A	A	A			
Warranty Hardware	Lifetime	Lifetime		Lifetime	Lifetime		Lifetime		Lifetime		Lifetime		Lifetime	Lifetime	Lifetime			
Warranty Power Supply	Lifetime	Lifetime		Lifetime	Lifetime		Lifetime		Lifetime		Lifetime		Lifetime	Lifetime	Lifetime			
Modules											AGM731F/AGM732F; AXM761/AXM762/AXM763		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	PMB0332/PRR0332		



ProSAFE Switches



NETGEAR ProSAFE

		Smart Managed, L2, 10/100 Fast Ethernet			Smart Managed, L2, Gigabit							
MODEL		FS728TP GREEN	FS750T2	FS752TP	GS108T GREEN	GS110TP GREEN	GS510TP GREEN NEW	GS716TV3 GREEN NEW	GS516TP GREEN NEW	GS724TV4 GREEN NEW	GS748TV5 GREEN NEW	
Port Configuration	10/100 RJ45 Ports (Auto Uplink)	24	48	48	8	8	8	16	16	24	48	
	10/100/1000 RJ45 Ports (Auto Uplink)	4	2	4								
	Fiber Ports	2 SFP	2 SFP	4 SFP		2 SFP		2 dedicated SFP		2 dedicated SFP	2 dedicated and 2 combo SFP	
	10Gig Module Bays											
PoE	Power Over Ethernet 802.3af Ports	24		48		8	8		8 POE and 2 PD			
	PoE Plus (30W) 802.3at Ports			4								
	Total PoE Budget	192 Watts		384 Watts		46 Watts	130 Watts		76w with AC power, up to 22w with PD power			
Stacking	Number of Dedicated Stacking Ports											
	Stacking Bandwidth											
	Stacking (maximum capacity)											
	Stacking Compatibility											
Scalability	# MAC Addresses	4,000	8,000	8,000	8,000	8,000	4,000	16,000	8,000	16,000	16,000	
	ARP Table - Size of			512				512	1,024	512	512	
	# Routing Entries			10				32		32	32	
	# ACL Rules	128		128	64	64	128	100	400	100	100	
System Management	Single IP Management			•								
	Web Managed/GUI	•	•	•	•	•	•	•	•	•	•	
	Command Line Interface/RS232 Console/Telnet											
	SNMP Version	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	
	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	
	IPv6 full set			•				•	•	•	•	
	Quality of Service	Number of Priority Queues	4	4	8	4	4	4	8	4	8	8
		Traffic Prioritization	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, DSCP, Diffserv	802.1p, DSCP, Diffserv	802.1p, DSCP, Diffserv
Auto Voice VLAN		•		Supports	•	•	•	•	•	•	•	
Multicast Filtering	IGMP Snooping Version	v1, v2, v3		v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	
	IGMP Snooping Querier	•						•	•	•	•	
Performance	Bandwidth	12.8 Gbps	13.6 Gbps	17.6 Gbps	16 Gbps	16 Gbps	20 Gbps	32 Gbps	48 Gbps	48 Gbps	100 Gbps	
	Buffer Memory	1 MB Per System	250 KB	1.5 MB	512 KB per unit	512 KB per unit	512 KB per unit	2 MB Per System	2 MB Per System	2 MB Per System	2 MB Per System	
Availability	Jumbo Frames			Yes	Yes	Yes	•	•	•	•	•	
	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	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	
	RPS Redundant Power Supply											
Traffic Management	Modular Power Supply											
	Number of 802.1q Vlan/Number of Vlan Group	128	64	256	64	64	64	256	256	256	256	
	Link Agregation 802.3ad/LACP	•	•	•	•	•	•	•	•	•	•	
	Discovery Protocol LLDP 802.1ab	•		•	•	•	•	•	•	•	•	
	Rate Limiting	•		•	•	•	•	•	•	•	•	
L3 Routing	Broadcast Storm Control	•		•	•	•	•	•	•	•	•	
	IPv4 Static Routing			Supports				•	•	•	•	
	IPv4 RIPv1/2, OSPFv1/2, VRRP, EMCP											
	IPv6 Static Routing, IPv6 OSPFv3											
Security	IPv4 / IPv6 Multicast Routing PIM-SM/DM											
	IEEE 802.1x (RADIUS)	Supports		•	•	•	•	•	•	•	•	
	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	•		•	HTTPS	HTTPS	HTTPS	SSL/HTTPS	HTTPS	SSL/HTTPS	SSL/HTTPS	
	Guest VLAN	•		•	•	•	•	•	•	•	•	
	DHCP Snooping/IP Source Guard/ARP Guard	•		•	•	•	•	•	•	•	•	
Energy Efficiency	TACACS+	•		•	•	•	•	•	•	•	•	
	Energy Star	•		•	•	•	•	•	•	•	•	
	Auto Port Power Down	•		•	•	•	•	•	•	•	•	
	Dynamic Power Consumption	•		•	•	•	•	•	•	•	•	
Physical	Max Power Consumption	256 Watts	19.65 Watts	500 Watts	12.78 Watts if powered by PoE via port 1 8.3 Watts (AC) 6 Watts (DC)	60 Watts	147 Watts	14.4 Watts	92.1 Watts	17.4 Watts	41.1 Watts	
	Desktop/Rackmount	R	R	R	D	D	D	R	R	R	R	
	Metal/Plastic Enclosure	M	M	M	M	M	M	M	M	M	M	
	MTBF	237,497 Hours	59,880 Hours	230,731 Hours	275,533 Hours	157,004 Hours	458,124 Hours	726,612 hours	479,350 Hours	567,680 hours	390,728 Hours	
	Acoustic Noise at 25°C	38.1 dBA	0 dBA	34.5 dBA	0 dBA	0 dBA	<38dBA	0 dBA	24.6 dBA	0 dBA	37.2 dBA	
	Fan	•		•	•	•	•	•	•	•	•	
	Width x Depth x Height	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)	328 x 169 x 43 mm (9.3 x 4 x 1.06 in)	43 x 440 x 205 mm (1.7 x 17.3 x 8 in)	328 x 169 x 43 mm (12.9 x 6.65 x 1.7 in)	43 x 440 x 204 mm (1.7 x 17.3 x 8 in)	440 x 257 x 43mm (17.3 x 10.1 in)	
Weight	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)	1.68kg (3.7 lb)	2.57 kg (5.67 lb)	2.21 kg (4.87lb)	2.74 kg (6 lb)	3.46 kg/7.63 lb		
Electromagnetic Compliance	Class (A or B)	A	A	A	A	B	B	A	A	A		
Warranty Hardware	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime		
Warranty Power Supply	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime		
Modules	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	PMB0332/PRR0332	PMB0331/PRR0331	PMB0331/PRR0331	

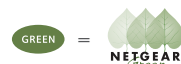


ProSAFE Switches



		Smart Managed, L2, Gigabit										Smart Managed, L2, 10 Gigabit	
MODEL		GS728TP	GS728TPP	GS752TP	GS728TSB	GS752TSB	GS728TPSB	GS752TPSB	GS728TXS	GS752TXS	XS712T		
Port Configuration	10/100 RJ45 Ports (Auto Uplink)												
	10/100/1000 RJ45 Ports (Auto Uplink)	24	24	48	24	48	24	48	24	48	12 10GBase-T		
PoE	Fiber Ports	4 dedicated SFP	4 dedicated SFP	4 dedicated SFP	4 SFP	4 SFP	4 SFP	4 SFP	4 SFP+ (10G)	4 SFP+ (10G)	2 Combo SFP+ (10G)		
	10Gig Module Bays												
Stacking	Number of Dedicated Stacking Ports				2 SFP (2.5G)	2 SFP (2.5G)	2 SFP (2.5G)	2 SFP (2.5G)	2	2			
	Stacking Bandwidth				10 Gbps	10 Gbps	10 Gbps	10 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 300 ports	6 units or 300 ports			
	Stacking Compatibility				GS7XXTSB/GSXXTPSB	GS7XXTSB/GSXXTPSB	GS7XXTSB/GSXXTPSB	GS7XXTSB/GSXXTPSB	GS7xxTXS	GS7xxTXS			
System Management	# MAC Addresses	8,000	8,000	8,000	16,000	16,000	16,000	16,000	16,000	16,000	32,000		
	ARP Table - Size of	1,024	1,024	1,024	1,024	1,024	1,024	1,024	1,024	1,024	1,024		
Quality of Service	# Routing Entries	32	32	32	32	32	32	32	32	32	32		
	# ACL Rules	400	400	400	256	256	256	256	100	100	100		
Multicast Filtering	Single IP Management	•	•	•	•	•	•	•	•	•	•		
	Web Managed/GUI	•	•	•	•	•	•	•	•	•	•		
Performance	Command Line Interface/RS232 Console/Telnet	•	•	•	•	•	•	•	•	•	•		
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3		
Availability	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		
	DHCP (Client/Server)	Client	Client	Client	Client	Client	Client	Client	Client/Server	Client/Server	Client/Server		
Traffic Management	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		
	IPV6 full set	•	•	•	•	•	•	•	•	•	•		
L3 Routing	Number of Priority Queues	4	4	4	8	8	8	8	8	8	8		
	Traffic Prioritization	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP	802.1p	802.1p	802.1p	802.1p, DSCP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP		
Security	Auto Voice VLAN	•	•	•	•	•	•	•	•	•	•		
	IGMP Snooping Version	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3		
Energy Efficiency	IGMP Snooping Querier	•	•	•	•	•	•	•	•	•	•		
	Bandwidth	48 Gbps	56 Gbps	104 Gbps	56 Gbps	104 Gbps	56 Gbps	104 Gbps	128 Gbps	176 Gbps	240 Gbps		
Physical	Buffer Memory	2 MB Per System	2 MB Per System	8 MB Per System	2 MB Per System	2 MB Per System	2 MB Per System	2 MB Per System	2 MB	2 MB	16 MB		
	Jumbo Frames	•	•	•	•	•	•	•	•	•	•		
Warranty Hardware	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		
	RPS Redundant Power Supply	•	•	•	•	•	•	•	•	•	•		
Warranty Power Supply	Modular Power Supply	•	•	•	•	•	•	•	•	•	•		
	Number of 802.1q Vlan/Number of Vlan Group	256	256	256	256	256	256	256	256	256	256		
Modules	Link Agregation 802.3ad/LACP	•	•	•	•	•	•	•	•	•	•		
	Discovery Protocol LLDP 802.1ab	•	•	•	•	•	•	•	•	•	•		
ProSupport Maintenance PKGS	Rate Limiting	•	•	•	•	•	•	•	•	•	•		
	Broadcast Storm Control	•	•	•	•	•	•	•	•	•	•		
Smart Managed, L2, 10 Gigabit	IPV4 Static Routing	•	•	•	•	•	•	•	•	•	•		
	IPV4 RIPv1/2, OSPFv1/2, VRRP, EMCP	•	•	•	•	•	•	•	•	•	•		
Electromagnetic Compliance	IPV6 Static Routing, IPV6 OSPFv3	•	•	•	•	•	•	•	•	•	•		
	IPV4 / IPV6 Multicast Routing PIM-SM/DM	•	•	•	•	•	•	•	•	•	•		
Warranty Power Supply	IEEE 802.1x (RADIUS)	•	•	•	•	•	•	•	•	•	•		
	ACL - Access Control Lists	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP		
Modules	SSL/SSH & HTTPS	HTTPS	HTTPS	HTTPS	HTTPS	HTTPS	HTTPS	HTTPS	HTTPS	HTTPS	HTTPS		
	Guest VLAN	•	•	•	•	•	•	•	•	•	•		
Smart Managed, L2, 10 Gigabit	DHCP Snooping	DHCP Snooping Only	DHCP Snooping Only	DHCP Snooping Only	•	•	•	•	•	•	•		
	TACACS+	•	•	•	•	•	•	•	•	•	•		
Energy Efficiency	EEE 802.3az	•	•	•	•	•	•	•	•	•	•		
	Auto Port Power Down	•	•	•	•	•	•	•	•	•	•		
Physical	Dynamic Power Consumption	•	•	•	•	•	•	•	•	•	•		
	Max Power Consumption	264 Watts	483.5 Watts	512.8 Watts	29.7 Watts	77 Watts	236 Watts	527 Watts	31.4 Watts	77 Watts	Support		
Electromagnetic Compliance	Desktop/Rackmount	R	R	R	R	R	R	R	R	R	R		
	Metal/Plastic Enclosure	M	M	M	M	M	M	M	M	M	M		
Warranty Hardware	MTBF	345,901 Hours	247,163 Hours	220,447 Hours	595,422 Hours	303,219 Hours	530,911 Hours	206,539 Hours	677,816 Hours	256,119 Hours	211,197 Hours		
	Acoustic Noise at 25°C	31.8 dBA	31.8 dBA	44.9 dBA	30.6 dBA	34.8 dBA	34.8 dBA	42.7 dBA	32.9 dBA	34.8dBA	49.7 dBA		
Warranty Power Supply	Fan	•	•	•	•	•	•	•	•	•	•		
	Width x Depth x Height	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 316 x 43 mm (17.3 x 15.2 x 1.7 in)	440 x 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 257 x 43 mm (17.32 x 10.13 x 1.7 in)	440 x 257 x 43 mm (17.32 x 10.13 x 1.7 in)	440 x 257 x 43 mm (17.32 x 10.13 x 1.7 in)		
Modules	Weight	3.7 kg (8.1 lb)	4.4 kg (8.1 lb)	5.1 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)	3.55 kg (7.8 lb)	4.5 kg (10 lb)	4.04 kg (8.9 lb)		
	Class (A or B)	A	A	A	A	A	A	A	A	A	A		
Smart Managed, L2, 10 Gigabit	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime		
	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime		
Smart Managed, L2, 10 Gigabit	AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F/AGC761	AGM731F/732F/AGC761	AGM731F/732F/AGC761	AGM731F/732F/AGC761	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	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

NETGEAR ProSAFE



MODEL	Fully Managed, M4100 series (L2+ with static routing), 10/100 Fast Ethernet			Fully Managed, M4100 series (L2+ with static routing), Gigabit			M4100-12GF (GSM7212F) GREEN	M4100-26G (GSM7224) GREEN	M4100-50G (GSM7248) GREEN	M4100-12G-POE+ (GSM7212P) GREEN	M4100-26G-POE (GSM7226LP) GREEN	M4100-24G-POE+ (GSM7224P) GREEN	M4100-50G-POE+ (GSM7248P) GREEN
	M4100-D10-POE (FSM5210P) GREEN	M4100-26-POE (FSM7226P) GREEN	M4100-50-POE (FSM7250P) GREEN	M4100-D12G (GSM5212) GREEN	M4100-D12G-POE+ (GSM5212P) GREEN								
Port Configuration	10/100 RJ45 Ports (Auto Uplink)	8	24	48									
	10/100/1000 RJ45 Ports (Auto Uplink)	2	2	2	12	12	12	26	50	12	26	24	50
	Fiber Ports	2 SFP	2 SFP	2 SFP	4 SFP	4 SFP	12 SFP	4 SFP	4 SFP	4 SFP	4 SFP	4 SFP	4 SFP
PoE	10Gig Module Bays												
	Power Over Ethernet 802.3af Ports	8	24	48		10	4			12	24	24	48
	PoE Plus (30W) 802.3at Ports				1 (PD: powered by PoE+)	12 (2 PD + 10 PSE)	4			12	24	24	48
Stacking	Total PoE Budget	66W standard	380W standard	380W standard / up to 740W with EPS		125W standard / 22W passthrough	150W standard			380W standard	192W standard / up to 380W with EPS	380W standard / up to 720W with EPS	380W standard / up to 1,440W with EPS
	Number of Dedicated Stacking Ports												
	Stacking Bandwidth												
Scalability	Stacking (maximum capacity)												
	Stacking Compatibility												
	# MAC Addresses	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000
	ARP Table - Size of	512	512	512	512	512	512	512	512	512	512	512	512
System Management	# Routing Entries	64	64	64	64	64	64	64	64	64	64	64	64
	# ACL Rules	512	512	512	512	512	512	512	512	512	512	512	512
	Single IP Management												
	Web Managed/GUI	•	•	•	•	•	•	•	•	•	•	•	•
Quality of Service	Command Line Interface/RS232 Console/Telnet	•	•	•	•	•	•	•	•	•	•	•	•
	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
	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
	DHCP (Client/Server)	Client/Server	Client/Server	Client/Server	Client/Server	Client/Server	Client/Server	Client/Server	Client/Server	Client/Server	Client/Server	Client/Server	Client/Server
Multicast Filtering	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
	IPv6 full set	•	•	•	•	•	•	•	•	•	•	•	•
	Number of Priority Queues	8	8	8	8	8	8	8	8	8	8	8	8
	Traffic Prioritization	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP	802.1p; Diffserv; TCP/UDP
Performance	Auto Voice VLAN	•	•	•	•	•	•	•	•	•	•	•	•
	IGMP Snooping Version	v1, v2, v3	v1, v2, v4	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3	v1, v2, v3
	IGMP Snooping Querier	•	•	•	•	•	•	•	•	•	•	•	•
	Bandwidth	4.8 Gbps	6.4 Gbps	9 Gbps	24 Gbps	24 Gbps	24 Gbps	52 Gbps	100 Gbps	24 Gbps	52 Gbps	48 Gbps	100 Gbps
Availability	Buffer Memory	12 MB	12 MB	12 MB	12 MB	12 MB	12 MB	12 MB	12 MB	12 MB	12 MB	12 MB	12 MB
	Jumbo Frames	9K	9K	9K	9K	9K	9K	9K	9K	9K	9K	9K	9K
	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
	RPS Redundant Power Supply	RPS	RPS	RPS / EPS	When powered by PoE+	When powered by PoE+	RPS	RPS	RPS	RPS	RPS / EPS	RPS / EPS	RPS / EPS
Traffic Management	Modular Power Supply												
	Number of 802.1q Vlan/Number of Vlan Group	1,024 / 1,024	1,024 / 1,024	1,024 / 1,024	1,024 / 1,024	1,024 / 1,024	1,024 / 1,024	1,024 / 1,024	1,024 / 1,024	1,024 / 1,024	1,024 / 1,024	1,024 / 1,024	1,024 / 1,024
	Link Agregation 802.3ad/LACP	•	•	•	•	•	•	•	•	•	•	•	•
	Discovery Protocol LLDLP 802.1ab	•	•	•	•	•	•	•	•	•	•	•	•
L3 Routing	Rate Limiting	•	•	•	•	•	•	•	•	•	•	•	•
	Broadcast Storm Control	•	•	•	•	•	•	•	•	•	•	•	•
	IPv4 Static Routing	•	•	•	•	•	•	•	•	•	•	•	•
	IPv4 RIPV1/2, OSPFv1/2, VRRP, EMCP	•	•	•	•	•	•	•	•	•	•	•	•
Security	IPv6 Static Routing, IPv6 OSPFv3	•	•	•	•	•	•	•	•	•	•	•	•
	IPv4 / IPv6 Multicast Routing PIM-SM/DM	•	•	•	•	•	•	•	•	•	•	•	•
	IEEE 802.1x (RADIUS)	•	•	•	•	•	•	•	•	•	•	•	•
	ACL - Access Control Lists	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP	MAC, IP, TCP
Energy Efficiency	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	•	•	•	•	•	•	•	•	•	•	•	•
	DHCP Snooping/IP Source Guard/ARP Guard	•	•	•	•	•	•	•	•	•	•	•	•
	TACACS+	•	•	•	•	•	•	•	•	•	•	•	•
Physical	Energy Star	•	•	•	•	•	•	•	•	•	•	•	•
	Auto Port Power Down	•	•	•	•	•	•	•	•	•	•	•	•
	Dynamic Power Consumption	•	•	•	•	•	•	•	•	•	•	•	•
	Power Consumption	87.30W	456.29W	486.64W	18.80W	166.6W	160.6W	31.6W	49.5W	452W	272.90W	533W	555.5W
Electromagnetic Compliance	Desktop/Rackmount	D	R	R	D	D	R	R	R	R	R	R	R
	Metal/Plastic Enclosure	M	M	M	M	M	M	M	M	M	M	M	M
	MTBF	579,985 Hours	242,281 Hours	163,019 Hours	214,142 Hours	766,618 hours	670,956 hours	702,785 hours	489,311 hours	422,436 hours	437,199 hours	394,619 hours	239,298 hours
	Acoustic Noise at 25°C	0 dbA	37.3 dbA	38.9 dbA	0 dbA	19.8dB	30dB	35.6dB	37.2dB	35.8dB	36.6dB	33.8dB	47.7dB
Warranty Hardware	Fan	•	•	•	•	•	•	•	•	•	•	•	•
	Width x Depth x Height	328 x 169 x 43.2 mm (12.91 x 6.65 x 1.7 in)	440 x 257 x 43.2 mm (17.32 x 10.12 x 1.7 in)	440 x 310 x 43.2 mm (17.32 x 12.20 x 1.7 in)	328 x 169 x 43.2 mm (12.91 x 6.65 x 1.7 in)	331 x 208 x 43.2 mm (13.03 x 8.19 x 1.7 in)	440 x 257 x 43.2 mm (17.3 x 10.12 x 1.7 in)	440 x 257 x 43.2 mm (17.3 x 10.12 x 1.7 in)	440 x 257 x 43.2 mm (17.3 x 10.12 x 1.7 in)	440 x 257 x 43.2 mm (17.3 x 10.12 x 1.7 in)	440 x 257 x 43.2 mm (17.3 x 10.12 x 1.7 in)	440 x 257 x 43.2 mm (17.3 x 10.12 x 1.7 in)	440 x 310 x 43.2 mm (17.32 x 12.20 x 1.7 in)
	Weight	2.8 kg (6.1 lb)	4.13 kg (9.1 lb)	4.96 kg (10.9 lb)	1.33 kg (2.9 lb)	2.596 kg (5.73 lb)	3.665 kg (8.08 lb)	3.24 kg (7.1 lb)	3.63 kg (8.0 lb)	4.021 kg (8.86 lb)	3.79 kg (8.36 lb)	4.368 kg (9.63 lb)	4.96 kg (10.9lb)
	Class (A or B)	A	A	A	A	A	A	A	A	A	A	A	A
ProSupport Maintenance PKGS	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
	On Call 24 x 7/XPRESSHW	Lifetime Technical Support 3-Year NBD Onsite included* PRRO332 for other regions	Lifetime Technical Support 3-Year NBD Onsite included* PRRO332 for other regions	Lifetime Technical Support 3-Year NBD Onsite included* PRRO332 for other regions	Lifetime Technical Support 3-Year NBD Onsite included* PRRO332 for other regions	Lifetime Technical Support 3-Year NBD Onsite included* PRRO332 for other regions	Lifetime Technical Support 3-Year NBD Onsite included* PRRO332 for other regions	Lifetime Technical Support 3-Year NBD Onsite included* PRRO332 for other regions	Lifetime Technical Support 3-Year NBD Onsite included* PRRO332 for other regions	Lifetime Technical Support 3-Year NBD Onsite included* PRRO332 for other regions	Lifetime Technical Support 3-Year NBD Onsite included* PRRO332 for other regions	Lifetime Technical Support 3-Year NBD Onsite included* PRRO332 for other regions	Lifetime Technical Support 3-Year NBD Onsite included* PRRO332 for other regions

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



ProSAFE Switches

NETGEAR ProSAFE®



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	
Port Configuration	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)	
PoE	Power Over Ethernet 802.3af Ports	Power Over Ethernet 802.3af Ports	Power Over Ethernet 802.3af Ports	Power Over Ethernet 802.3af Ports	Power Over Ethernet 802.3af Ports	Power Over Ethernet 802.3af Ports	Power Over Ethernet 802.3af Ports	Power Over Ethernet 802.3af Ports	Power Over Ethernet 802.3af Ports	Power Over Ethernet 802.3af Ports	Power Over Ethernet 802.3af Ports	Power Over Ethernet 802.3af Ports	
Stacking	Number of Dedicated Stacking Ports	Number of Dedicated Stacking Ports	Number of Dedicated Stacking Ports	Number of Dedicated Stacking Ports	Number of Dedicated Stacking Ports	Number of Dedicated Stacking Ports	Number of Dedicated Stacking Ports	Number of Dedicated Stacking Ports	Number of Dedicated Stacking Ports	Number of Dedicated Stacking Ports	Number of Dedicated Stacking Ports	Number of Dedicated Stacking Ports	
Scalability	# MAC Addresses	# MAC Addresses	# MAC Addresses	# MAC Addresses	# MAC Addresses	# MAC Addresses	# MAC Addresses	# MAC Addresses	# MAC Addresses	# MAC Addresses	# MAC Addresses	# MAC Addresses	
System Management	Single IP Management	Single IP Management	Single IP Management	Single IP Management	Single IP Management	Single IP Management	Single IP Management	Single IP Management	Single IP Management	Single IP Management	Single IP Management	Single IP Management	
Quality of Service	Number of Priority Queues	Number of Priority Queues	Number of Priority Queues	Number of Priority Queues	Number of Priority Queues	Number of Priority Queues	Number of Priority Queues	Number of Priority Queues	Number of Priority Queues	Number of Priority Queues	Number of Priority Queues	Number of Priority Queues	
Multicast Filtering	IGMP Snooping Version	IGMP Snooping Version	IGMP Snooping Version	IGMP Snooping Version	IGMP Snooping Version	IGMP Snooping Version	IGMP Snooping Version	IGMP Snooping Version	IGMP Snooping Version	IGMP Snooping Version	IGMP Snooping Version	IGMP Snooping Version	
Performance	Bandwidth	Bandwidth	Bandwidth	Bandwidth	Bandwidth	Bandwidth	Bandwidth	Bandwidth	Bandwidth	Bandwidth	Bandwidth	Bandwidth	
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	
Traffic Management	Number of 802.1q Vlan/Number of Vlan Group	Number of 802.1q Vlan/Number of Vlan Group	Number of 802.1q Vlan/Number of Vlan Group	Number of 802.1q Vlan/Number of Vlan Group	Number of 802.1q Vlan/Number of Vlan Group	Number of 802.1q Vlan/Number of Vlan Group	Number of 802.1q Vlan/Number of Vlan Group	Number of 802.1q Vlan/Number of Vlan Group	Number of 802.1q Vlan/Number of Vlan Group	Number of 802.1q Vlan/Number of Vlan Group	Number of 802.1q Vlan/Number of Vlan Group	Number of 802.1q Vlan/Number of Vlan Group	
L3 Routing	IPv4 Static Routing	IPv4 Static Routing	IPv4 Static Routing	IPv4 Static Routing	IPv4 Static Routing	IPv4 Static Routing	IPv4 Static Routing	IPv4 Static Routing	IPv4 Static Routing	IPv4 Static Routing	IPv4 Static Routing	IPv4 Static Routing	
Security	ACL - Access Control Lists	ACL - Access Control Lists	ACL - Access Control Lists	ACL - Access Control Lists	ACL - Access Control Lists	ACL - Access Control Lists	ACL - Access Control Lists	ACL - Access Control Lists	ACL - Access Control Lists	ACL - Access Control Lists	ACL - Access Control Lists	ACL - Access Control Lists	
Energy Efficiency	Energy Star	Energy Star	Energy Star	Energy Star	Energy Star	Energy Star	Energy Star	Energy Star	Energy Star	Energy Star	Energy Star	Energy Star	
Physical	Desktop/Rackmount	Desktop/Rackmount	Desktop/Rackmount	Desktop/Rackmount	Desktop/Rackmount	Desktop/Rackmount	Desktop/Rackmount	Desktop/Rackmount	Desktop/Rackmount	Desktop/Rackmount	Desktop/Rackmount	Desktop/Rackmount	
Electromagnetic Compliance	Class (A or B)	Class (A or B)	Class (A or B)	Class (A or B)	Class (A or B)	Class (A or B)	Class (A or B)	Class (A or B)	Class (A or B)	Class (A or B)	Class (A or B)	Class (A or B)	
Warranty Hardware	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	
Modules	AFM735, AGM731F/AGM732F, AX742, AX743/AX744/AX745, AXM761/AXM762/AXM763, RPS5412 (RPS x1 switch) RPS4000 (RPS x4 switches)	AFM735, AGM731F/AGM732F, AX742, AX743/AX744/AX745, AXM761/AXM762/AXM763, RPS5412 (RPS x1 switch) RPS4000 (RPS x4 switches)	AFM735, AGM731F/AGM732F, AX742, AX743/AX744/AX745, AXM761/AXM762/AXM763, RPS5412 (RPS x1 switch); RPS4000 (RPS/EPSS x4 switches)	AFM735, AGM731F/AGM732F, AX742, AX743/AX744/AX745, AXM761/AXM762/AXM763, RPS5412 (RPS x1 switch); RPS4000 (RPS/EPSS x4 switches)	AFM735, AGM731F/AGM732F, AX742, AX743/AX744/AX745, AXM761/AXM762/AXM763, RPS5412 (RPS x1 switch); RPS4000 (RPS/EPSS x4 switches)	AFM735, AGM731F/AGM732F, AX742, AX743/AX744/AX745, AXM761/AXM762/AXM763, RPS5412 (RPS x1 switch); RPS4000 (RPS x4 switches)	AFM735, AGM731F/AGM732F, AX742, AX743/AX744/AX745, AXM761/AXM762/AXM763, RPS5412 (RPS x1 switch); RPS4000 (RPS x4 switches)	AFM735, AGM731F/AGM732F, AX742, AX743/AX744/AX745, AXM761/AXM762/AXM763, RPS5412 (RPS x1 switch); RPS4000 (RPS x4 switches)	AFM735, AGM731F/AGM732F, AX742, AX743/AX744/AX745, AXM761/AXM762/AXM763, RPS5412 (RPS x1 switch); RPS4000 (RPS x4 switches)	AFM735, AGM731F/AGM732F, AX742, AX743/AX744/AX745, AXM761/AXM762/AXM763, RPS5412 (RPS x1 switch); RPS4000 (RPS x4 switches)	AFM735, AGM731F/AGM732F, AX742, AX743/AX744/AX745, AXM761/AXM762/AXM763, RPS5412 (RPS x1 switch); RPS4000 (RPS x4 switches)	AFM735, AGM731F/AGM732F, AX742, AX743/AX744/AX745, AXM761/AXM762/AXM763, RPS5412 (RPS x1 switch); RPS4000 (RPS x4 switches)	AFM735, AGM731F/AGM732F, AX742, AX743/AX744/AX745, AXM761/AXM762/AXM763, RPS5412 (RPS x1 switch); RPS4000 (RPS x4 switches)
ProSupport Maintenance PKGS	On Call 24 x 7/PRESSSHW	LifeTime Technical Support 3-Year NBD Onsite included* PRR0333 for other regions	LifeTime Technical Support 3-Year NBD Onsite included* PRR0334 for other regions	LifeTime Technical Support 3-Year NBD Onsite included* PRR0333 for other regions	LifeTime Technical Support 3-Year NBD Onsite included* PRR0334 for other regions	LifeTime Technical Support 3-Year NBD Onsite included* PRR0333 for other regions	LifeTime Technical Support 3-Year NBD Onsite included* PRR0334 for other regions	LifeTime Technical Support 3-Year NBD Onsite included* PRR0333 for other regions	LifeTime Technical Support 3-Year NBD Onsite included* PRR0334 for other regions	LifeTime Technical Support 3-Year NBD Onsite included* PRR0334 for other regions	PAS0314	PAS0316	

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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	XCM8848T-100005	NETGEAR 8800 Series 48-port 10/100/1000 Base-T Module
	XCM88P-100005	NETGEAR 8800 Series PoE Daughter Card for XCM8848T
	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	SFP Transceiver 1000BASE-SX	SFP Transceiver 1000BASE-LX	SFP Transceiver 1000BASE-T	SFP Transceiver 100BASE-FX
Distance	Up to 550m	Up to 10km	Up to 100m	Up to 2km
Cabling Type	IEEE 802.3z 1000BASE-SX	IEEE 802.3z 1000BASE-LX	1000BASE-T	IEEE 802.3-2002 100BASE-FX
Connector	LC duplex	LC duplex	RJ45	LC duplex
Interface (Bus) Type	Small Form Factor Pluggable (SFP)	Small Form Factor Pluggable (SFP)	Small Form Factor Pluggable (SFP)	Small Form Factor Pluggable (SFP)
Form Factor	Plug-in module	Plug-in module	Plug-in module	Plug-in module
Data Transfer Rate	1 Gbps	1 Gbps	1 Gbps	100 Mbps
Hot-Swappable	•	•	•	•
Fiber Cable Support	50µm OM4 multimode (1000m); 50µm OM3 multimode (550m); 62.5µm OM1/OM2 multimode (275m)	9µm single mode (10km)	Copper CAT5E or better (1000Mbps Full Duplex only)	50µm/62.5µm OM1/OM2/OM3/OM4 multimode (2km)
Switch Compatibility	Smart, Plus and Managed Switches	Smart, Plus and Managed Switches	M5300-28GF3, GSM7328FS, XSM7224S, XCM8800	Managed Switches
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	AX745	AXM761	AXM762
Product Description	24 / 48 Gigabit Stacking Kit	I/O Module SFP+	I/O Module 10GBase-T	SFP+ Transceiver 10GBASE-SR	SFP+ Transceiver 10GBASE-LR
Distance	N/A	N/A	Up to 100m	Up to 500m	Up to 10km
Cabling Type	CX4 Cable	Fiber or DAC	CAT5/5E: GIGABIT CAT6: 10GBASE-T 30m CAT6A/7: 10GBASE-T 100m	10GBASE-SR "Short Reach"	10GBASE-LR "Long Reach"
Connector	CX4	SFP+	One RJ45 connection	LC duplex	LC duplex
Interface (Bus) Type	24/48 Gigabit High-speed Stacking	10 Gigabit Small Form Factor Pluggable (SFP+)	10 Gigabit 10GBASE-T	10 Gigabit Small Form Factor Pluggable (SFP+)	10 Gigabit Small Form Factor Pluggable (SFP+)
Form Factor	Plug-in module	I/O Module	I/O Module	Plug-in SFP+	Plug-in SFP+
Data Transfer Rate	12 Gbps Full-duplex (24 Gbps)	10 Gbps	10 Gbps	10 Gbps	10 Gbps
Hot-Swappable	•	•	•	•	•
Fiber Cable Support	NA	Depends on SFP+ optics	NA	50µm OM4 multimode (500m); 50µm OM3 multimode (300m); 62.5µm OM1/OM2 multimode (33m)	9µm single mode (10km)
Switch Compatibility	M5300 series (rear bays)	M5300 series (rear bays)	M5300 series (rear bays)	G57xxTXS, X57xxx, M5300 series, M7100 series, M7300 series	G57xxTXS, X57xxx, M5300 series, M7100 series, M7300 series
Warranty	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
Product Description	SFP+ Transceiver 10GBASE-LRM	SFP+ DAC Cable 1m	SFP+ DAC Cable 3m	SFP+ XFP DAC Cable 1m	XFP Transceiver 10GBASE-SR	XFP Transceiver 10GBASE-LR
Distance	Up to 260m	1m	3m	3m	Up to 500m	Up to 10km
Cabling Type	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"
Connector	LC duplex	SFP+	SFP+	SFP+ to XFP	LC duplex	LC duplex
Interface (Bus) Type	10 Gigabit Small Form Factor Pluggable (SFP+)	10 Gigabit Small Form Factor Pluggable (SFP+)	10 Gigabit Small Form Factor Pluggable (SFP+)	10 Gigabit Small Form Factor Pluggable (SFP+ / XFP)	10 Gigabit Small Form Factor Pluggable (XFP)	10 Gigabit Small Form Factor Pluggable (XFP)
Form Factor	Plug-in SFP+	SFP+ Cable	SFP+ Cable	SFP+/XFP Cable	Plug-in XFP	Plug-in XFP
Data Transfer Rate	10 Gbps	10 Gbps	10 Gbps	10 Gbps	10 Gbps	10 Gbps
Hot-Swappable	•	•	•	•	•	•
Fiber Cable Support	62.5µm OM1/OM2 multimode (220m); 50µm OM3/OM4 multimode (260m)	NA	NA	NA	50µm OM4 multimode (500m); 50µm OM3 multimode (300m); 62.5µm OM1/OM2 multimode (33m)	9µm single mode (10km)
Switch Compatibility	G57xxTXS, X57xxx, M5300 series, M7100 series, M7300 series	G57xxTXS, X57xxx, M5300 series, M7100 series, M7300 series	G57xxTXS, X57xxx, M5300 series, M7100 series, M7300 series	G57xxTXS, X57xxx, M5300 series, M7100 series, M7300 series, M8800 series	M8800 series	M8800 series
Warranty	5 Year	5 Year	5 Year	5 Year	5 Year	5 Year

Modular Power Supply Layer 2 and Layer 3 Managed Switches



MODEL	AP5525W	APS135W	RPS4000	APS1000W
Product Description	ProSAFE Auxiliary Power Supply	ProSAFE Auxiliary Power Supply	Redundant / External Power Supply (RPS/EPS for up to 4 switches)	Power Module for RPS4000
Hot-Swappable	When used with an RPS	When used with an RPS	Yes	Yes
Switch Compatibility	M5300 series (PoE versions)	M5300 series (non-PoE versions)	M4100 series, M5300 series	RPS4000
Warranty	5 Year	5 Year	5 Year	5 Year

Modular Power Supply Layer 2 and Layer 3 Managed Switches



MODEL	RP55412	AFT200	APS300W	XCM88PS1
Product Description	External Redundant Power Supply	ProSAFE Auxiliary Fan Tray	ProSAFE Auxiliary Power Supply	XCM8800 Power Supply
Hot-Swappable	Yes	Yes	Yes	Yes
Switch Compatibility	M4100 series, M5300 series	M7100 series, M7300 series	M7100 series, M7300 series	M8800 series
Warranty	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
MODEL	WMS5316	WC7520
Product Description	ProSafe 16-AP Wireless Management System	ProSafe 20-AP Wireless Controller
Typical Deployment	Small and medium enterprise with basic Wi-Fi, dental office, clinics	Medium enterprise with advanced Wi-Fi, K-12, small hotels/motels, small hospitals
HARDWARE		
# of Ethernet Ports	4	4
Speed of Ethernet Ports	10/100/1000 Mbps	10/100/1000 Mbps
Physical Size	330 x 430 x 209 mm	261 x 430 x 440 mm
SUPPORTED AP		
WNDAP660		Future
WNDAP620		Future
WNDAP360	•	•
WNDAP350	•	•
WNAP320	•	•
WNAP210	•	•
WG103	•	
CAPACITY		
# of managed AP	16	150
Stacking		•
# of units per stack		3
MANAGEMENT		
HTTP	•	•
SNMP	•	•
Telnet	•	•
SSH	•	•
FEATURES		
Central configuration	•	•
Multiple SSIDs, VLANs	•	•
Automatic RF Management	Scheduled	Dynamic
Predeployment RF Planning		•
Postdeployment RF calibration with Heatmap		•
Self healing wireless network		•
Dynamic load balancing		•
L2 and L3 fast roaming		•
Built-in AAA server, LDAP support		•
Captive portal with guest management		•
ORDERING		
Warranty	Lifetime	Lifetime
Product Ordering SKU	WMS5316-100NAS WMS5316-100AUS WMS5316-100PES WMS5316-100UKS	WC7520-100NAS WC7520-100AUS WC7520-100PES WC7520-100UKS
10 AP License Ordering SKU		WC7510L-1000S
Pricing	\$\$	\$\$\$

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 <small>NEW</small>
Product Description	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
Typical Deployment	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
WIRELESS											
Standard	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
Single Band	•	•	•	•		•	•				
Dual Band					• (concurrent)			• (concurrent)	• (concurrent)	• (selectable)	• (concurrent)
2.4 GHz	•	•	•	•		•	•				
5 GHz					•			•	•	•	•
TX by Rx		1 x 1	2 x 2			2 x 2	2 x 2	2 x 2	2 x 2	3 x 3	3 x 3
Throughput per Radio	54 Mbps	150 Mbps	300 Mbps	108 Mbps	108 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps	450 Mbps	450 Mbps
Max # of Concurrent Clients	20	30	30	30	30	30	64	128	128	128	128
HARDWARE											
# of Ethernet Ports	1	4	1	1	1	1	1	1	1	1	2
Speed of Ethernet Ports	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
PoE				•	•	•	•	•	•	•	•
Antenna Type	Detachable	Detachable	Internal	Detachable	Detachable	Internal	Internal	Internal	Internal	Internal	Internal
Antenna Gain	5 dBi	5 dBi	3 dBi	3 dBi	5 dBi	5 dBi	5 dBi	5 dBi	5 dBi	5 dBi	5 dBi
Additional External Antenna Connectors				•	•		two 2.4 GHz reverse SMA	two 2.4 GHz reverse SMA	two 2.4 GHz reverse SMA	three 2.4 GHz reverse SMA	three 2.4 GHz reverse SMA
Plenum				•	•			•			
Physical Size	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
Enclosure Material	Plastic	Plastic	Plastic	Metal	Metal	Plastic	Plastic	Metal	Plastic	Plastic	Plastic
Kensington Lock				•	•	•	•	•	•	•	•
Ceiling/Wall Mounting						•	•	•	•	•	•
MANAGEMENT											
Deployment Options	Standalone only	Standalone only	Standalone only	Standalone	Standalone	Standalone & controller	Standalone & controller	Standalone & controller	Standalone & controller	Standalone & controller*	Standalone & controller*
Web UI	•	•	•	•	•	•	•	•	•	•	•
CLI				•	•	•	•	•	•	•	•
Manageable by WMS5316				•	•	•	•	•	•	•*	•*
Manageable by WC7520						•	•	•	•	•*	•*
SSH				•	•	•	•	•	•	•	•
SNMP				•	•	•	•	•	•	•	•
FEATURES											
# of BSSIDs	1	1	1	8	16	8	8	16	16	8	16
Wireless Security											
WEP	•	•	•	•	•	•	•	•	•	•	•
WPA-PSK/TKIP	•	•	•	•	•	•	•	•	•	•	•
WPA2-PSK/AES	•	•	•	•	•	•	•	•	•	•	•
802.1X			•	•	•	•	•	•	•	•	•
Rogue AP Detection				•	•	•	•	•	•	•	•
WIDS/WIPS										•	•
Wireless Distribution Systems (WDS)											
Repeater	•	•	•	•	•	•	•	•	•	•	•
Point-to-Point/Multi-Point	•	•	•	•	•	•	•	•	•	•	•
Simultaneous Bridge /Client Association	•	•	•			•	•	•	•	•	•
Captive Portal				•	•	•	•	•	•	•	•
VLANs				•	•	•	•	•	•	•	•
MAC ACL	•	•	•	•	•	•	•	•	•	•	•
802.11e/WMM		•	•	•	•	•	•	•	•	•	•
Rate Limiting		•	•	•	•	•	•	•	•	•	•
Bandwidth Management										•	•
Beamforming										•	•
Bandsteering											•
ORDERING											
Warranty	3 years	3 years	3 years	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
Product Ordering SKU	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
MSRP (NA)	\$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
Product Description	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
Frequency	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
Customer Needs	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
Polarization	Omni - Directional	Vertical	Vertical	Linear Vertical	Linear Vertical
Gain	5 dBi	7 dBi	9 dBi	14 dBi	10 dBi
Angle	Horizontal 360° / Vertical 30°	Horizontal 360° / Vertical 600°	Horizontal 360° / Vertical 30°	Horizontal 60° / Vertical 30°	Horizontal 33° / Vertical 32°
Access Points	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
Antenna Cable (Accessories)	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
Connections	Reverse SMA	Reverse SMA female	Reverse N female, Adapter Reverse SMA	Reverse N female, Adapter Reverse SMA	Reverse N/SMA Adapters
Assembly		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
Mass		(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
Warranty	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

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 UTM Firewalls

All-in-One Unified Gateway Security

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



NETGEAR
ProSECURE®



MODEL	UTM25	UTM25S	UTM50	UTM150
SIZING GUIDELINES				
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
CONTENT SECURITY				
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
FIREWALL FEATURES				
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)	•	•	•	•
VPN				
VPN Protocols	SSL, IPsec, PPTP, L2TP			
Site to Site VPN Tunnels	25	25	50	150
SSL VPN for Remote Access	14	14	25	75
DEPLOYMENT				
Multi-WAN Fail-over	•	•	•	•
Intelligent Traffic Load Balancing	•	•	•	•
LOGGING AND MANAGEMENT				
Management	HTTP/HTTPS, SNMP v2c			
Log Delivery	Management GUI Query, Email Delivery, Syslog			
HARDWARE				
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
WARRANTY	Lifetime	Lifetime	Lifetime	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.



NETGEAR
ProSECURE®



MODEL	UTM5	UTM9S
SIZING GUIDELINES		
Firewall Throughput	500 Mbps	933 Mbps
Application Firewall Throughput	400 Mbps	900 Mbps
Anti-virus Throughput	20 Mbps	23 Mbps
IPS Throughput	130 Mbps	172 Mbps
UTM Throughput (HTTP Traffic)	13 Mbps	18 Mbps
UTM Throughput (non-HTTP Traffic, e.g. P2P, DHS, SSH)	130 Mbps	172 Mbps
Maximum VPN Throughput	80 Mbps	80 Mbps
Maximum Concurrent Connections	12000	16000
802.1q VLANs	255	255
CONTENT SECURITY		
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
Automatic Signature Updates	Hourly	Hourly
Distributed Spam Analysis	•	•
Anti-spam Real-time Blacklist (RBL)	•	•
Distributed Web Analysis URL Filtering w/64 Categories	•	•
Applications Protected	332	332
Number of Users	Unlimited	Unlimited
FIREWALL FEATURES		
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)	•	•
VPN		
VPN Protocols	SSL, IPsec, PPTP, L2TP	
Site to Site VPN Tunnels	5	10
SSL VPN for Remote Access	2	5
DEPLOYMENT		
Multi-WAN Fail-over	•	•
Intelligent Traffic Load Balancing	•	•
LOGGING AND MANAGEMENT		
Management	HTTP/HTTPS, SNMP v2c	
Log Delivery	Management GUI Query, Email Delivery, Syslog	
HARDWARE		
WAN Gigabit RJ45 Ports	1	2
LAN Gigabit RJ45 Ports	4	4
DMZ Port (Configurable)	1	1
Dimensions (W x H x D)	330 x 430 x 209mm	
Weight kg	2.1	
WARRANTY	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
Product Description	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
Firewall	DoS/SPI Firewall	DoS/SPI Firewall	DoS/SPI Firewall	DoS/SPI Firewall
Router	Ethernet NAT Router	Ethernet NAT Router	Ethernet NAT Router	Ethernet NAT Router
Dedicated VPN Tunnels	125 (IPsec)/50 (SSL)	25 (IPsec)/10 (SSL)	5	8
Switch Ports & Interfaces	(4) 10/100/1000 Mbps LAN (4) 10/100/1000 Mbps WAN (1) Serial Port	(4) 10/100/1000 Mbps LAN (2) 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
WAN Failover	•	•	•	•
DMZ Port	•	SW Port Forwarding	•	SW Port Forwarding
Memory (Flash/DRAM)	64/512MB	16/64MB	8/32MB	2/16MB
3DES Throughput	180 Mbps	16 Mbps	7 Mbps	
Concurrent Connections	200,000	10,000	6,000	
LAN-To-WAN Throughput	924 Mbps	60 Mbps	25 Mbps	11.5 Mbps
WAN Load Balancing	•	•	•	•
Number of Users (Rrecommended)	200	35	10	5
NAT/PAT	•	•	•	•
QoS	•	•	•	•
NTP Support	•	•	•	•
Classical Routing Mode	•	•	•	•
DHCP Client/Server	•	•	•	•
Static IP Assignment	•	•	•	•
Static Routing, Dynamic Routing	•	•	•	•
IPSec, L2TP, and PPTP VPN Passthrough	•	•	•	•
VPN Protocols Supported	IPSec ESP, AH	IPSec ESP, SSL	IPSec ESP	IPSec ESP
IKE Authentication (Pre-Shared Key, Certificates)	•	•	•	•
IPSEC Encryption	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
Logging & Monitoring, Policies & Schedules, URL Content Filtering	•	•	•	•
EMAIL Notifications (Built-in-Alerts, Log)	•	•	•	•
Remote Logging	SYSLOG	SYSLOG	SYSLOG	SYSLOG
SNMP	v2c	v2c	v2c	
Browser-Based Configuration	•	•	•	•
Dimensions / Weight	(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
Features:	IPsec VPN client (included in delivery specification acc. Datasheet)	IPsec VPN client (included in delivery specification acc. Datasheet)		
Accessories	VPN Client VPNG01L, VPNG05L	VPN Client VPNG01L, VPNG05L	VPN Client VPNG01L, VPNG05L	VPN Client VPNG01L, VPNG05L
Accessories: Network Management Software	NMS200	NMS200	NMS200	
Warranty	Lifetime	Lifetime	Hardware: Lifetime Power Supply 3 years	Hardware: Lifetime Power Supply 3 years
ProSupport Service: - ONCALL 24X7 - XPRESSHW	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.



MODEL	FVS318N
Product Description	ProSAFE® 802.11n Wireless SSL & IPsec VPN Gigabit Firewall
Firewall	DoS/SPI Firewall
Router	Ethernet NAT Router
Dedicated VPN Tunnels	5 IPSEC 2 SSL
IPv6 Support	•
Switch Ports & Interfaces	(8) 10/100/1000 LAN (1) 10/100/1000 WAN
VLAN Support	•
DMZ Hardware Port	•
Wireless Support	IEEE 802.11b / 802.11g / 802.11n (2,4 GHZ)
Antennas	
Wireless Encryption	64/128 WEP, WPA/WPA2 Enterprise (802.11i)
Memory (Flash/DRAM)	32 MB Flash, 128MB DRAM
3DES Throughput	50 Mbps
Concurrent Sessions	6000
LAN-to-WAN Throughput	95 Mbps
User Support	
NAT/PAT	•
QoS	•
NTP Support	•
Classical Routing Mode	•
DHCP Client/Server	•
Static IP Assignment	•
Static Routing, Dynamic Routing	•
IPSec, L2TP, and PPTP VPN Passthrough	IPsec ESP, AH
VPN Protocols Supported	•
IKE Authentication (Pre-Shared Key, Certificates)	AES, 3DES, DES
IPSEC Encryption	•
Logging & Monitoring, Policies & Schedules, URL Content Filtering	•
EMAIL Notifications (Built-in-Alerts, Log)	Syslog
Remote Logging	v2c
SNMP	•
Browser-Based Configuration	•
Dimensions / Weight	(H x W x D) 35 x 190 x 125 mm Weight: 0.56 kg
Features:	L2TP VPN Server
Accessories	VPN Client VPNG01L, VPNG05L
Accessories: Network Management Software	NMS200
Warranty	Hardware: Lifetime Power supply: 3 years
ProSupport Service: - ONCALL 24X7 - XPRESSHW	PMB0351 (5 years), PMB0331 (3 years), PMB0311 (1 year), PRR0351 (5 years), PRR0331 (3 years)

VPN Client Software



MODEL	VPN CLIENT PROFESSIONAL SOFTWARE VPNG01L/VPNG05L
Product Description	ProSAFE® VPN Client Professional Software, available in Single and Five User License
Features	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
Netgear®-Compatible Devices	Compatible with multiple Microsoft® Windows® platforms including Windows 7
VPNc Certified	Basic Interop
Snmp Device Compatible	N/A
Warranty	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. ReadyNAS is a powerful and easy-to-use storage solution for your small business file serving, backup, disaster recovery, virtualization or private cloud needs. In addition, ReadyNAS devices feature continuous data protection from unlimited snapshots for point-in-time data restore 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 is storage made EASY.

ReadyDATA: Every ReadyDATA ships with a full suite of advanced features such as block-level replication, deduplication, and thin provisioning which makes it ideal for projects requiring high performance backup, disaster recovery or support for virtual infrastructures. With the option of expanding to as much as 240TB capacity and the dramatic performance boost that comes from using SSD for read/write optimization together with SATA or SAS for raw capacity, ReadyDATA redefines the concept of storage for small and medium businesses, remote offices/branch offices (ROBO), and departments within enterprise organizations. Finally, for organizations or resellers looking to offer a managed service model, ReadyDATA comes ready to go with a full suite of granular monitoring, reporting and chargeback utilities. ReadyDATA is enterprise-class technology built for the SMB.



ReadyNAS Comparison Chart

Storage Made Easy for the Home or Business



	READYNAS 102	READYNAS 104	READYNAS 312	READYNAS 314	READYNAS 316	READYNAS 516	READYNAS 716	
Form Factor	2-Bay Desktop	4-Bay Desktop	2-Bay Desktop	4-Bay Desktop	6-Bay Desktop	6-Bay Desktop	6-Bay Desktop	
File Protocols	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	
Block Protocols	iSCSI	iSCSI	iSCSI	iSCSI	iSCSI	iSCSI	iSCSI	
Populated Drives	Desktop SATA	Desktop SATA	Desktop/Enterprise SATA	Desktop/Enterprise SATA	Desktop/Enterprise SATA	Enterprise SATA	Enterprise SATA	
Gigabit Ethernet Ports	1	2	2	2	2	2	2	
10G Ethernet Port	0	0	0	0	0	0	2 (10GBaseT)	
Supports EDA500 Expansion Chassis	No	No	Yes	Yes	Yes	Yes	Yes	
Reliability Features	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 ECC Memory	
CPU	Marvell Armada 370 1.2GHz	Marvell Armada 370 1.2GHz	Intel Atom 2.1GHz Dual Core	Intel Atom 2.1GHz Dual Core	Intel Atom 2.1GHz Dual Core	Intel Core i3-3220 3.3GHz Dual Core	Intel Xeon E3-1265Lv2 2.5GHz (3.5GHz turbo) Quad Core	
Memory	512MB	512MB	2GB	2GB	2GB	4GB ECC	16GB ECC	
RAID Level Supported	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	
Auto Volume Expansion	X-RAID2	X-RAID2	X-RAID2	X-RAID2	X-RAID2	X-RAID2	X-RAID2	
Unique Features	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
Backup Option Integration	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	
Vmware Ready	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
ReadyNAS Replicate (License Option)	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed	
Warranty (System)	3 year standard warranty	3 year standard warranty	5 year standard warranty	5 year standard warranty	5 year standard warranty	5 year standard warranty	5 year standard warranty	
ProSupport Service Options	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	
System SKUs	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	RN716X	



	READYNAS 2120	READYNAS 3220	READYNAS 4220S	READYNAS 4220X
Form Factor	1U Rackmount	2U Rackmount	2U Rackmount	2U Rackmount
File Protocols	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV	NFS, CIFS/SMB, AFP, HTTP(S), FTP(S), WebDAV
Block Protocols	iSCSI	iSCSI	iSCSI	iSCSI
Populated Drives	Desktop/Enterprise SATA	Enterprise SATA	Enterprise SATA	Enterprise SATA
Gigabit Ethernet Ports	2	4	4	4
10G Ethernet Port	0	0	2 (SFP+)	2 (10GBaseT)
Supports EDA500 Expansion Chassis	Yes	Yes	Yes	Yes
Reliability Features	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover	Hot Swappable Disks Network Failover
CPU	Marvell Armada XP 1.2GHz Dual Core	Intel Core i3-3220v2 3.3GHz Dual Core	Intel Xeon E3-1225V2 3.2GHz Quad Core	Intel Xeon E3-1225V2 3.2GHz Quad Core
Memory	2GB	4GB ECC	8GB ECC	8GB ECC
RAID Level Supported	RAID 0,1,5,6,10	RAID 0,1,5,6,10	RAID 0,1,5,6,10	RAID 0,1,5,6,10
Auto Volume Expansion	X-RAID2	X-RAID2	X-RAID2	X-RAID2
Unique Features	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
Backup Option Integration	Remote & Local Time Machine	Remote & Local Time Machine	Remote & Local Time Machine	Remote & Local Time Machine
Vmware Ready	Yes	Yes	Yes	Yes
ReadyNAS Replicate (License Option)	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed	Embedded, no additional license needed
Warranty (System)	5 year standard warranty	5 year standard warranty with 3 year NBD HW Replacement	5 year standard warranty with 3 year NBD HW Replacement	5 year standard warranty with 3 year NBD HW Replacement
ProSupport Service Options	Oncall 24x7: PMB0313, PMB0333, PMB0353 XPressHW: PRR0333, PRR0353*	XPressHW: PRR0334, PRR0354	XPressHW: PRR0334, PRR0354	XPressHW: PRR0334, PRR0354
System SKUs	RN2120 RN21241D RN21242D RN21241E RN21242E RN21243E RN21244E	RN3220 RN32262E RN32263E RN32264E RN322122E RN322123E RN322124E	RN4220S	RN4220X RN422X62E RN422X63E RN422X64E RN422X122 RN422X123 RN422X124

READYDATA® Network storage for business solutions



Enterprise-class Features Designed for a Business of Any Size



FAMILY	READYDATA 5200	READYDATA 516
MODELS	RD5200 2U DISKLESS CONTROLLER, DIVERSE DRIVE PACKS, EDA2000 2U 12-BAY EXPANSION UNIT, EDA4000 4U 24-BAY EXPANSION UNIT	RDD516 DESKTOP CHASSIS, SATA AND SSD DRIVE PACKS
Product Description	ReadyDATA is a unified storage (NAS/SAN) platform featuring ZFS-based storage technology designed for businesses of any size. The ReadyDATA 5200 is highly scalable, rackmount unified storage (NAS and SAN) that features enterprise-class technology without the cost and complexity of traditional enterprise offerings.	ReadyDATA is a unified storage (NAS/SAN) platform featuring ZFS-based storage technology designed for businesses of any size. The ReadyDATA 516 liberates enterprise storage features from the datacenter, delivering the most affordable block-based replication solution for centralized backup of branch office environments.
HARDWARE		
Maximum Number of Drive Bays	60	6
Drive Types Supported	3.5" SAS/NL-SAS/SATA/SSD, SSD Caching	3.5" SATA/SSD, SSD Caching
Total Solution Capacity	240 TB	24 TB
Form Factor	Rack mount 2U with optional expansion units (2U and 4U)	Desktop/Pedestal
Expansion Trays	Up to two expansion units with 12 and 24 bays	Not Supported
Dimensions (H x W x D)	89 x 437 x 648 (mm)	259 x 192 x 287.5 (mm)
Redundancy	Hot swappable disks, redundant power supplies redundant fans, ECC Memory	Hot swappable disks, ECC Memory
Accessories	Rack kit, redundant power supplies, and power cables included	Power supply and power cable included
Warranty	5 years with next business day hardware replacement included for the first 3 years	5 years with next business day hardware replacement included for the first 3 years
NETWORK		
Ports	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	2 x 10/100/1000 Mbps Ethernet Ports with Load Balancing and Failover 1 x USB 2.0, 2 x USB 3.0
Features	Virtual Network Interfaces (VNICs), DHCP or Static IP Address assignment, LACP Support for Load Balancing and Failover	Virtual Network Interfaces (VNICs), DHCP or Static IP Address assignment, LACP Support for Load Balancing and Failover
Protocol Support	SMB, AFP, NFS, iSCSI, HTTP/S, FTP/S, IPv6, SNMP, SSH, SSL	SMB, AFP, NFS, iSCSI, HTTP/S, FTP/S, IPv6, SNMP, SSH, SSL
DATA PROTECTION		
RAID Levels	0, 1, 5, 6, 10, 50, 60	0, 1, 5, 6, 10, 50, 60
RAID Global Hot Spare	Supported	Supported
Snapshots	Configure unlimited Hourly, Daily, Weekly scheduled block-based snapshots for Continuous Data Protection.	Configure unlimited Hourly, Daily, Weekly scheduled block-based snapshots for Continuous Data Protection.
Replication	Encrypted remote replication can be locally-managed or cloud-managed (ReadyDATA to ReadyDATA).	Encrypted remote replication can be locally-managed or cloud-managed (ReadyDATA to ReadyDATA).
Backup Software Support	Supports Backup applications from Acronis, Quest, StorageCraft, Symantec, VEEAM	Supports Backup applications from Acronis, Quest, StorageCraft, Symantec, VEEAM
VOLUME MANAGEMENT		
Provisioning	Instant Volume Creation & Expansion with Thick and Thin Provisioning	Instant Volume Creation & Expansion with Thick and Thin Provisioning
Capacity Efficiency	Compression and Deduplication	Compression and Deduplication
Performance Boost	SSD caching for performance boost	SSD caching for performance boost
STORAGE AREA NETWORK (SAN)		
iSCSI	Thin provisioning, Unlimited snapshots, SPC-3 Persistent Reservation (iSCSI)	Thin provisioning, Unlimited snapshots, SPC-3 Persistent Reservation (iSCSI)
Operating System Support	VMware vSphere 5, Citrix XenServer 6, Windows Hyper-V Server 2008 & 2012, Windows Server 2008 R2 & 2012, Linux, UNIX, Solaris	VMware vSphere 5, Citrix XenServer 6, Windows Hyper-V Server 2008 & 2012, Windows Server 2008 R2 & 2012, Linux, UNIX, Solaris
AVAILABLE SKUS		
Controller and Expansion Units	RD5200-100WWS - ReadyDATA 5200 Base Unit EDA2000-100WWS - ReadyDATA 2U 12-Bay Expansion EDA4000-100WWS - ReadyDATA 2U 24-Bay Expansion	RDD516-100 - ReadyDATA 516 Desktop Unit
SATA Drive Packs	RD5D1LT01-100WWS - 1 x 1TB SATA HDD Drive Pack RD5D1LT02-100WWS - 1 x 2TB SATA HDD Drive Pack RD5D1LT03-100WWS - 1 x 3TB SATA HDD Drive Pack RD5D1LT04-10000S - 1 x 4TB SATA HDD Drive Pack	RDD1LT02-10000S - 1 x 2TB SATA HDD Drive Pack RDD1LT03-10000S - 1 x 3TB SATA HDD Drive Pack RDD1LT04-10000S - 1 x 4TB SATA HDD Drive Pack
NL-SAS Drive Packs	RD5D1LN01-100WWS - 1 x 1TB NL-SAS HDD Drive Pack RD5D1LN02-100WWS - 1 x 2TB NL-SAS HDD Drive Pack RD5D1LN03-100WWS - 1 x 3TB NL-SAS HDD Drive Pack	Not Supported
SAS Drive Packs	RD5D1LS01-100WWS - 1 x 300GB SAS HDD Drive Pack RD5D1LS02-100WWS - 1 x 450GB SAS HDD Drive Pack RD5D1LS03-100WWS - 1 x 600GB SAS HDD Drive Pack	Not Supported
SSD Drive Packs	RD5D1SC01-100WWS - 1 x 50GB Write Cache SLC Drive Pack RD5D1SM01-100WWS - 1 x 100GB Read Cache MLC Drive Pack RD5D1SM02-100WWS - 1 x 200GB Read Cache MLC Drive Pack	RDD1SM01-10000S - 1 x 100GB Read/Write Cache MLC Drive Pack
PROSUPPORT		
OnCall 24x7 Phone Support	PMB0314 - OnCall 24x7, (1 Year) PMB0334 - OnCall 24x7, (3 Year) PMB0354 - OnCall 24x7, (5 Year)	PMB0313 - OnCall 24x7, (1 Year) PMB0333 - OnCall 24x7, (3 Year) PMB0353 - OnCall 24x7, (5 Year)
Professional Services	PSB 0304 -10000S - Professional Setup and Configuration (Remote) PSP 1104 -10000S - Professional Setup and Configuration (Onsite)	PSB 0304 -10000S - Professional Setup and Configuration (Remote) PSP 1104 -10000S - Professional Setup and Configuration (Onsite)
Extended NBD Hardware Replacement	PMPX1123-10000S - Extended Next Business Day Replacement	PMPX1123-10000S - Extended Next Business Day Replacement

NETGEAR ProSupport™



Manage Your Network and Storage with Expert Support

The NETGEAR ProSupport offerings provide you with peace of mind by extending and enhancing the standard warranty coverage included with your product purchase. With ProSupport, you get direct access to NETGEAR technical support engineers and the backup resources who can rapidly resolve critical technical issues. Moreover, the advanced hardware replacement feature, with next business day arrival, improves the overall uptime of your network and storage systems.

Extensive Support Networks to Meet Your Needs

The NETGEAR Support network spans the globe with local support in over 26 countries. NETGEAR Support Centers provide technical support in 16 different languages with English speaking support staff available 24x7 in North America, Australia, and major European countries. Backed by NETGEAR R&D engineering, our technical support engineers have the proven expertise to quickly resolve even the most challenging technical problems.

Extends and Enhances Your Warranty Coverage

XPressHW enhances the hardware replacement turnaround, in the event of a failure, from five (5) plus days (typical) to Next Business Day (NBD).

OnCall 24x7, which includes XPressHW or NBD replacement, extends the 90-day warranty entitled technical support (phone and email) for standard and advanced features to the length of the contract term. NETGEAR recommends OnCall 24x7 for customers seeking hardware and software coverage.

Table 1 Warranty and Service Offerings Comparison

Service Program	Term	24x7 Basic HW Support	HW Replacement	Sw Configuration Support	Remote Diagnostics	Escalation Management**	NETGEAR Email Alert***
Warranty	Lifetime (ProSafe) 3 or 5 Years (ReadyNAS*)	✓	7-10 Days	Lifetime (Managed Switches*) One Yr. (Smart Switches*) 90 Days (Others)	Lifetime (Managed Switches*) One Yr. (Smart Switches*) 90 Days (Others)	Lifetime (Managed Switches*) One Yr. (Smart Switches*) 90 Days (Others)	
ProSupport Service Offerings (Optional)							
XPressHW	3 or 5 Years	✓	Next Business Day				✓
OnCall 24x7	1, 3 or 5 Years	✓	Next Business Day	✓	✓	✓	✓

LEGEND	
*	Check Product Warranty
**	Daily update with an Action Plan for Critical Escalations
***	Email alert on new firmware releases
+	Purchased after Dec 31, 2011
✓	Included for the Service Term

Footnotes:

- ¹ Austria, Belgium, Denmark, France, Germany, Ireland, Italy, Luxembourg, Spain, Sweden, Switzerland, The Netherlands & UK
- ² 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
- ³ See customer responsibilities on backup of configuration files (ProSupport Terms and Conditions)

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 the tables on the next 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)² arrival.

Dispatch a technician to arrive onsite who will:

- Remove the failed unit
- Install the replacement unit (including restoring the configuration file³)
- 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

NETGEAR ProSupport™

Category 1			
Model	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.)
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
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)

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)

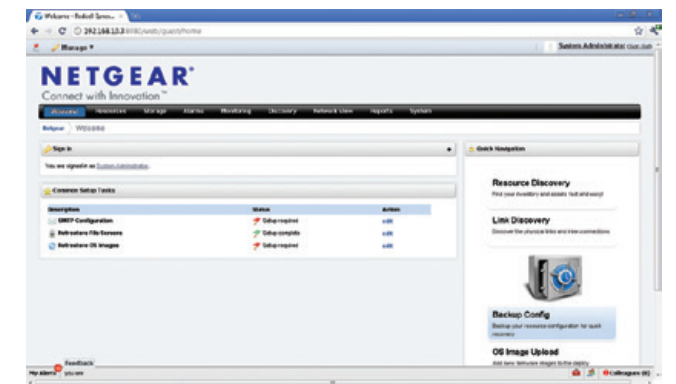
I (1) Tech Support is included for 1-year with product purchase+; extension available
I (3) Onsite NBD is included for three 3-years with new product purchase; extension available
I (L) I (L) Tech Support is included for lifetime with product purchase+
+ Purchased after Dec 31, 2011;
NA Not Applicable
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.

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



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