NETGEAR ProSafe

Prosafe® Switches

Reliable. Affordable. Simple.

NETGEAR 3 YEAR WARRANTY* NBD* 3-year on-site service

NETGEAR ProSafe LIFETIME WARRANTY* NBD* 3-year on-site service

NETGEAR ProSafe LIFETIME WARRANTY*

ProSafe® Switches

MODEL		FS726T	FS726TP	FS750T2	FS728TP (GREEN)	FS752TP	GS108T (GREEN)	GS110TP (GREEN)	GS716T (GREEN)	GS724T (GREEN)	GS748T
		SMART MANAGED									
		L2									
		10/100					GIGABIT				
Port Configuration	10/100 Ports (Auto Uplink)	24	24	48	24	48					
	10/100/1000 Ports (Auto Uplink)	2	2	2	4	4	8	8	16	24	48
	Fiber Ports	1 SFP	2 SFP	2 SFP	2 SFP	4 SFP			2 SFP	2 SFP	4 SFP
	10 Gig Module Bays										
PoE	Power Over Ethernet 802.3af Ports		12		24	48	PD	8			
	PoE Plus (30W) Ports 802.3at Ports					48					
	Total PoE Budget		100 Watts		192 Watts	450 Watts		46 Watts			
Stacking	Number of Dedicated Stacking Ports										
	Stacking Bandwidth										
	Stacking (maximum capacity)										
	Stacking Compatibility										
Scalability	# MAC Addresses	4,000	4,000	8,000	4,000	8,000	8,000	8,000	8,000	8,000	8,000
	ARP Table – size of										
	# Routing Entries										
	# ACL Rules				128	128	128	128	128	128	
System Management	Single IP Management					•					
	Web Managed/GUI	•	•	•	•	•	•	•	•	•	•
	Command Line Interface/RS232 Console/Telnet										
	SNMP Version	v1	v1	v1, v2c	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c
	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	
	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	2	2	4	4	4	4	4	4	4	4
	Traffic Prioritization	802.1p	802.1p	802.1p	802.1p Diffserve	802.1p	802.1p Diffserve	802.1p Diffserve	802.1p Diffserve	802.1p Diffserve	802.1p Diffserve
	Auto Voice VLAN				•		•		•	•	
Multicast	IGMP Snooping version	v1	v1		v1, v2, v3	v1, v2, v3	v1, v2	v1, v2	v1, v2	v1, v2	v1
	IGMP Snooping querier				•		•		•	•	
Performance	Bandwidth	8.8 Gbps	8.8 Gbps	13.6 Gbps	12.8 Gbps	17.6 Gbps	16 Gbps	16 Gbps	32 Gbps	48 Gbps	96 Gbps
	Buffer Memory	2 MB Per System	2 MB Per System	2 MB Per System	1 MB Per System	6 MB Per System	512 KB Per Unit	512 KB Per Unit	512 KB Per Unit	512 KB Per Unit	4 MB Per System
	Jumbo Frames					•	•	•	•	•	•
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	80.2.1d	80.2.1d	80.2.1d	802.1d, .1w, .1s	80.2.1d, 1w, 1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	80.2.1d
	RPS Redundant Power Supply										
	Modular Power Supply										
Traffic Management	Number of 802.1q Vlan/Number of Vlan Group	64	64	64	128	256	64	64	128	128	128
	Link Agregation 802.3ad/LACP	•	•	•	•	•	•	•	•	•	•
	Discovery Protocol LLDP 802.1ab				•	•	•	•	•	•	
	Rate Limiting	•	•		•	•	•	•	•	•	•
	Broadcast Storm Control	•	•		•	•	•	•	•	•	•
Routing	Static Routing					TBD					
	RIP I, RIP II, OSPF, VRRP, EMCP										
	IPv6, Multicast routing					TBD					
Security	IEEE 802.1x (RADIUS)				•	•	•	•	•	•	•
	ACL – Access Control Lists				MAC, IP	MAC	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP
	SSL/SSH & HTTPS				•	•	•	•	HTTPS	HTTPS	•
	Guest VLAN				•	•	•	•	•	•	•
	DHCP Snooping/IP Source Guard/ARP Guard				•	•	•	•	•	•	•
	TACACS+				•	•	•	•	•	•	
Energy Efficiency	Energy Star				•						
	Auto Port Power Down				•	•	•	•	•	•	•
	Dynamic Power Consumption					•	•	•	•	•	
	Power Consumption	13 Watts	122 Watts	19.65 Watts	256 Watts	500 Watts	12.78 Watts if powered by PoE via port 1 8.3 Watts (AC) 6 Watt (DC)	60 Watts	16.5 Watts	21.5 Watts	66 Watts
Physical	Desktop/Rackmount	R	R	R	R	R	D	D	R	R	D
	Metal/Plastic Enclosure	M	M	M	M	M	M	M	M	M	M
	MTBF	305,000 Hours	327,000 Hours	59,880 Hours	237,497 Hours		275,533 hrs	157,004 hrs	401,205 hours	465,998 hours	108,000 Hours
	Acoustic Noise	0 dBA	42.9 dBA	0 dBA	38.1 dBA		0 dBA	0 dBA	33	34.4	52 dBA
	Fan		•		•	•			•	•	•
	Width x Depth x Height	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 205 x 43 mm (17.3 x 8.1 x 1.7 in)	440 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 205 x 43 mm (17.3 x 8.1 x 1.7 in)	158x105x27 mm (6.22 x 4.13 x 1.06 in)	236x101.6x27 mm (9.3 x 4 x 1.06 in)	43 x 440 x 205 mm (1.7 x 17.3 x 8 in)	43 x 440 x 205 mm (1.7 x 17.3 x 8 in)	440 x 305 x 43mm (17.3 x 12.0 x 1.7in)
	Weight	2.5 kg (5.5 lb)	3.0 kg (6.6 lb)	3.2 kg (7.0 lb)	3.6 kg (7.92 lb)	2.98 kg (6.57 lb)	0.56 kg (1.23 lb)	0.7Kg (1.54 lb)	2.6 kg (5.6 lb)	2.7 kg (5.9 lb)	4.9 kg (10.8 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A	A	A	A	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
Prosupport Maintenance PKGS	On Call 24x7/XPRESSHW	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331

MODEL		GS724TP	GS748TP	GS724TS	GS748TS	GS724TPS	GS748TPS	GS752TXS	FSM726v3
		SMART MANAGED						FULLY MANAGED	
		L2							
		GIGABIT						10 GIGABIT	10/100
Port Configuration	10/100 Ports (Auto Uplink)								24
	10/100/1000 Ports (Auto Uplink)	24	48	24	48	24	48	48	2
	Fiber Ports	2 SFP	4 SFP	4 SFP	4 SFP	4 SFP	4 SFP	4 SFP/2 SFP+ (10Gig)	2 SFP
	10 Gig Module Bays							2	
PoE	Power Over Ethernet 802.3af Ports	24	48			24	48		
	PoE Plus (30W) Ports 802.3at Ports					4	4		
	Total PoE Budget	192 Watts	384 Watts			192 Watts	384 Watts		
Stacking	Number of Dedicated Stacking Ports			2 HDMI	2 HDMI	2 HDMI	2 HDMI	2	
	Stacking Bandwidth			20 Gbps	20 Gbps	20 Gbps	20 Gbps	40 Gbps	
	Stacking (maximum capacity)			6 units or 288 ports	6 units or 288 ports	6 units or 288 ports	6 units or 288 ports	6 units or 300 ports	
	Stacking Compatibility			GS7XXTS/GSXXTPS	GS7XXTS/GSXXTPS	GS7XXTS/GSXXTPS	GS7XXTS/GSXXTPS	GS752TXS	
Scalability	# MAC Addresses	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000
	ARP Table – size of							1,024	
	# Routing Entries							15	
	# ACL Rules	256	256	128	128	128	128	100	224
System Management	Single IP Management			•	•	•	•	•	
	Web Managed/GUI	•	•	•	•	•	•	•	•
	Command Line Interface/RS232 Console/Telnet							•	•
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	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
	DHCP (Client/Server)	Client	Client	Client	Client	Client	Client	Client/Server	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
	IPv6 full set							•	
Quality of Service	Number of Priority Queues	4	4	4	4	4	4	8	8
	Traffic Prioritization	802.1p	802.1p	802.1p	802.1p	802.1p	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv ; TCP/UDP	802.1p ; Diffserv
	Auto Voice VLAN	•	•	•	•	•	•	•	•
Multicast	IGMP Snooping version	v1, v2	v1, v2	v1, v2	v1, v2	v1, v2	v1, v2	v1, v2, v3	v1, v2, v3
	IGMP Snooping querier							•	•
Performance	Bandwidth	48 Gbps	96 Gbps	48 Gbps	96 Gbps	48 Gbps	96 Gbps	196 Gbps	8.8 Gbps
	Buffer Memory	3 MB Per System	6 MB Per System	2 MB Per System	6 MB Per System	2 MB Per System	6 MB Per System	2MB	1 MB Per System
	Jumbo Frames	•	•	•	•	•	•	•	•
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
	RPS Redundant Power Supply								
	Modular Power Supply								
Traffic Management	Number of 802.1q Vlan/Number of Vlan Group	128	128	128	128	128	128	256	512 / 512
	Link Agregation 802.3ad/LACP	•	•	•	•	•	•	•	•
	Discovery Protocol LLDP 802.1ab	•	•	•	•	•	•	•	•
	Rate Limiting	•	•	•	•	•	•	•	•
	Broadcast Storm Control	•	•	•	•	•	•	•	•
Routing	Static Routing							•	
	RIP I, RIP II, OSPF, VRRP, EMCP								
	IPv6, Multicast routing							•	
Security	IEEE 802.1x (RADIUS)	•	•	•	•	•	•	•	•
	ACL – Access Control Lists	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP	MAC, IP, TCP	MAC, IP, TCP
	SSL/SSH & HTTPS							SSL/SSH & HTTPS	SSL/SSH & HTTPS
	Guest VLAN	•	•	•	•	•	•	•	•
	DHCP Snooping/IP Source Guard/ARP Guard							•	•
	TACACS+	•	•	•	•	•	•	•	•
Energy Efficiency	Energy Star								
	Auto Port Power Down							•	
	Dynamic Power Consumption							•	
	Power Consumption	260 Watts	570 Watts	35.1 Watts	78.36 Watts	235 Watts	530 Watts	85.8 Watts	15 Watts
Physical	Desktop/Rackmount	R	R	R	R	R	R	R	R
	Metal/Plastic Enclosure	M	M	M	M	M	M	M	M
	MTBF	165,589 Hours	147,559 Hours	167,300 Hours	125,500 Hours	116,000 Hours	143,890 Hours	90,993 Hours	562,110 Hours
	Acoustic Noise	46.5 dBA	44.8 dBA		52.7 dBA	46 dBA	43 dBA		36.6 dBA
	Fan	•	•	•		•	•	•	•
	Width x Depth x Height	40 x 257 x 43 mm (17.3 x 10.1 x 1.7 in)	440 x 387 x 43 mm (17.3 x 15.2 x 1.7 in)	440 x 205 x 43 mm (17.3 x 8.1 x 1.7 in)	440 x 300 x 43 mm (17.3 x 11.8 x 1.7 in)	440 x 310 x 43 mm (17.3 x 12.2 x 1.7 in)	440 x 431 x 43 mm (17.3 x 17.0 x 1.7 in)	440 x 257 x 43 mm (17.32 x 10.13 x 1.7 in)	440 x 205 x 43 mm (17.32 x 8.1 x 1.7 in)
	Weight	3.7 kg (8.1 lb)	6.6 kg (14.5 lb)	2.87 kg (6.33 lb)	5.16 kg (11.38 lb)	4.92 kg (10.82 lb)	7.28 kg (16.02 lb)	4.5 kg (10 lb)	2.8 kg (6.1 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A	A	A	A	A	A
Warranty Hardware		Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime NBD
Warranty Power Supply		Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime NBD
Modules		AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/732F	AGM731F/AGM732F; AX742; AX743; AX744; AXM761/AXM762/AXM763; APS135W	AFM735; AGM731FAGM732F
Prosupport Maintenance PKGS	On Call 24x7/XPRESSHW	PMB0332/PRR0332	PMB0332/PRR0332	PMB0331/PRR0331	PMB0331/PRR0331	PMB0332/PRR0332	PMB0332/PRR0332	PMB0334/PRR0334	PMB0331/PRR0331

MODEL		GSM7224v2	GSM7248v2	GSM7228PS	GSM7252PS	XSM7224S	GSM7328Sv2	GSM7328FS	GSM7352Sv2	XCM8806	XCM8810
		FULLY MANAGED									
		L2					L3				
		GIGABIT				10 GIGABIT	GIGABIT			10 GIGABIT	
Port Configuration	10/100 Ports (Auto Uplink)										
	10/100/1000 Ports (Auto Uplink)	24	48	24	48	4 10GBase-T	24		48		
	Fiber Ports	4 SFP	4 SFP	4 SFP / 2 SFP+ (10Gig)	4 SFP / 2 SFP+ (10Gig)	24 SFP+ (10Gig)	4 SFP / 2 SFP+ (10Gig)	24 SFP	4 SFP / 2 SFP+ (10Gig)		
	10 Gig Module Bays			2 10Gig bays	2 10Gig bays		2 10Gig bays	4 10Gig bays	2 10Gig bays	6 slots	10 slots
PoE	Power Over Ethernet 802.3af Ports			24	48					up to 384 ports	up to 192 ports
	PoE Plus (30W) Ports 802.3at Ports			8	8						
	Total PoE Budget			384W	384W					See online configurator	See online configurator
Stacking	Number of Dedicated Stacking Ports			2	2	4	2	2	2		
	Stacking Bandwidth			48 Gbps	48 Gbps	80 Gbps	48 Gbps	48 Gbps	48 Gbps		
	Stacking (maximum capacity)			8 units or 384 ports	8 units or 384 ports	96 ports	8 units or 384 ports	8 units or 384 ports	8 units or 384 ports		
	Stacking Compatibility			GSM72xxPS/GSM73xxS/FS	GSM72xxPS/GSM73xxS/FS	XSM7224S	GSM72xxPS/GSM73xxS/FS	GSM72xxPS/GSM73xxS/FS	GSM72xxPS/GSM73xxS/FS		
Scalability	# MAC Addresses	8,000	8,000	8,000	8,000	32,000	8,000	8000	8,000	32,000	32,000
	ARP Table – size of	480	480	1792	1792	6144	1792	1792	1792	8000	8000
	# Routing Entries	32	32	480	480	480	480	480	480	12000	12000
	# ACL Rules	224	224	1,024 Global	1,024 Global	2,048 ingress,egress	1,024 Global	1,024 Global	1,024 Global	4,000 ingress,egress per 24-port block	4,000 ingress,egress per 24-port block
System Management	Single IP Management			•	•	•	•	•	•	•	•
	Web Managed/GUI	•	•	•	•	•	•	•	•	•	•
	Command Line Interface/RS232 Console/Telnet	•	•	•	•	•	•	•	•	•	•
	SNMP Version	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	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
	DHCP (Client/Server)	Client/Server	Client/Server	Client/Server	Client/Server	Client/Server	Client/Server	Client/Server	Client/Server	Client/Server	Client/Server
	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	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
	Auto Voice VLAN	•	•	•	•	•	•	•	•		
Multicast	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
	IGMP Snooping querier	•	•	•	•	•	•	•	•	•	•
Performance	Bandwidth	48 Gbps	96 Gbps	144 Gbps	192 Gbps	480 Gbps	144 Gbps	144 Gbps	192 Gbps	up to 416 Gbps/16MB Per 24-port block	up to 800 Gbps/16MB Per 24-port block
	Buffer Memory	6MB Per System	12MB Per System	6MB Per System	12MB Per System	16MB Per System	6MB Per System	6MB Per System	12MB Per System	16MB Per 24-port block	16MB Per 24-port block
	Jumbo Frames	•	•	•	•	•	•	•	•	•	•
Availability	Spanning Tree 802.1d/RSTP .1w/MSTP .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s	802.1d, .1w, .1s
	RPS Redundant Power Supply	•	•	•	•	Second optional APS300W	•	•	•	N+1 PSU redundancy	N+1 PSU redundancy
	Modular Power Supply			APS525W	APS525W	APS300W	APS135W		APS135W	Up to 6 XCM88PS1	Up to 6 XCM88PS1
Traffic Management	Number of 802.1q Vlan/Number of Vlan Group	1,024 / 1,024	1,024 / 1,024	1,024 / 1,024	1,024 / 1,024	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 LLDP 802.1ab	•	•	•	•	•	•	•	•	•	•
	Rate Limiting	•	•	•	•	•	•	•	•	•	•
	Broadcast Storm Control	•	•	•	•	•	•	•	•	•	•
Routing	Static Routing	•	•	•	•	•	•	•	•	•	•
	RIP I, RIP II, OSPF, VRRP, EMCP			with GSM7228PL license	with GSM7252PL license	with XSM7224L license	•	•	•	•	•
	IPv6, Multicast routing			with GSM7228PL license	with GSM7252PL license	with XSM7224L license	•	with GSM7328FL license	•	•	•
Security	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
	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+	•	•	•	•	•	•	•	•	•	•
Energy Efficiency	Energy Star										
	Auto Port Power Down										
	Dynamic Power Consumption										
	Power Consumption	38.5 watts	71.5 Watts	545 Watts	570 Watts	195.2 Watts	80 Watts	80 Watts	110 Watts	See online configurator	See online configurator
Physical	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
	MTBF	239,032 Hours	162,303 Hours	117,747 Hours	117,747 Hours	180,178 Hours	117,747 Hours	117,747 Hours	117,747 Hours	–	–
	Acoustic Noise	38.6 dBA	48.8 dBA	52.4 dBA	51.7 dBA	44 dBA	52.4 dBA	52.4 dBA	51.7 dBA	54 dBA	55 dBA
	Fan	•	•	•	•	•	•	•	•	•	•
	Width x Depth x Height	440 x 205 x 43 mm (17.3 x 8.1 x 1.6 in)	440 x 205 x 43 mm (17.3 x 8.1 x 1.6 in)	440 x 391 x 43 mm (17.32 x 15.4 x 1.7 in)	440 x 391 x 43 mm (17.32 x 15.4 x 1.7 in)	440 x 431 x 43 mm (17.32 x 17 x 1.7 in)	440 x 385 x 43 mm (17.32 x 15.16 x 1.7 in)	440 x 385 x 43 mm (17.32 x 15.16 x 1.7 in)	440 x 385 x 43 mm (17.32 x 15.16 x 1.7 in)	445 x 463 x 444.5 mm (17.51 x 18.23 x 17.5 in)	445 x 463 x 622 mm (17.51 x 18.23 x 24.47 in)
	Weight	3.65 kg (8.03 lb)	4.15 kg (9.13 lb)	6.8 kg (14.99 lb)	6.8 kg (14.99 lb)	6.3 kg (13.89 lb)	4.5 kg (10 lb)	5.4 kg (12 lb)	5.4 kg (12 lb)	29.5kg (65 lb)	35.8kg (79 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A	A	A	A	A	A	A	A
Warranty Hardware		Lifetime NBD	Lifetime NBD	Lifetime NBD	Lifetime NBD	Lifetime NBD	Lifetime NBD	Lifetime NBD	Lifetime NBD	3-Year NBD	3-Year NBD
Warranty Power Supply		Lifetime NBD	Lifetime NBD	Lifetime NBD	Lifetime NBD	Lifetime NBD	Lifetime NBD	Lifetime NBD	Lifetime NBD	3-Year NBD	3-Year NBD
Modules		AFM735; AGM731FAGM732F	AFM735; AGM731FAGM732F	AFM735; AGM731FAGM732F; AX742; AX743; AX744; AXM761/AXM762/AXM763; AXC761/AXC763/AXC753; APS525W	AFM735; AGM731FAGM732F; AX742; AX743; AX744; AXM761/AXM762/AXM763; AXC761/AXC763/AXC753; APS525W	AGM731F/AGM732F/AGM734; AXM761/AXM762/AXM763; AXC761/AXC763/AXC753; APS300W; AFT200	AFM735; AGM731FAGM732F; AX742; AX743; AX744; AXM761/AXM762/AXM763; AXC761/AXC763/AXC753; APS135W	AFM735; AGM731FAGM732F; AX742; AX743; AX744; AXM761/AXM762/AXM763; AXC761/AXC763/AXC753	AFM735; AGM731FAGM732F; AX742; AX743; AX744; AXM761/AXM762/AXM763; AXC761/AXC763/AXC753; APS135W	XCM88S1/XCM888F/XCM8848T/XCM88P/XCM8824F/XCM8808X/XCM88PS1/XCM8806PC/XCM88ASL/XCM8806FT/XCM88FPB; AFM735; AGM731F/AGM732F/AGM734; AXM751/AXM752; AXC753	XCM88S1/XCM888F/XCM8848T/XCM88P/XCM8824F/XCM8808X/XCM88PS1/XCM8810PC/XCM88ASL/XCM8810FT/XCM88FPB; AFM735; AGM731F/AGM732F/AGM734; AXM751/AXM752; AXC753
Prosupport Maintenance PKGS	On Call 24x7/XPRESSHW	PMB0332/PRR0332	PMB0333/PRR0333	PMB0333/PRR0333	PMB0334/PRR0334	PMB0334/PRR0334	PMB0333/PRR0333	PMB0333/PRR0333	PMB0334/PRR0334	PAS0314	PAS0316

GS108PE

GS116E

JGS524E

GS724TPS

GSM7328S-200

GSM73352S

XCM8806

XCM8810

MODEL		FS605	FS608	FS105	FS108	FS108P	FS116	FS116P	JFS516	JFS524
		UMANAGED								
		L2								
		10/100								
Port Configuration	10/100 Ports (Auto Uplink)	5	8	5	8	8	16	16	16	24
	10/100/1000 Ports (Auto Uplink)									
	Fiber Ports									
PoE	Power Over Ethernet 802.3af Ports					4		8		
	Total PoE Budget					32 Watts		55 Watts		
Scalability	# MAC Addresses	1,000	1,000	1,000	1,000	1,000	4,000	8,000	4,000	4,000
System Management	Port Mirroring									
Quality of Service	Number of Priority Queues									
	Traffic Prioritization					honors 802.1p priority tags		honors 802.1p priority tags		
Performance	Bandwidth	1 Gbps	1.6 Gbps	1 Gbps	1.6 Gbps	1.6 Gbps	3.2 Gbps	3.2 Gbps	3.2 Gbps	4.8 Gbps
	Buffer Memory	64 KB Per System	96 KB Per System	64 KB Per System	96 kB Per System	96 KB Per System	512 KB Per System	160KB Per System	320 KB Per System	320 KB Per System
	Jumbo Frames									
Traffic Management	Number of 802.1q Vlan / Number of Vlan Group									
	Link Agregation 802.3ad / LACP									
	Rate Limiting									
	Broadcast Storm Control									
Energy Efficiency	Energy Star							•		
	Auto Port Power Down									
	Dynamic Power Consumption									
	Power Consumption	7.5 Watts	7.5 Watts	7.5 Watts	7.5 Watts	44 Watts	12 Watts	72 Watts	15 Watts	15 Watts
Physical	Desktop / Rackmount	D	D	D	D	D	D	D	R	R
	Metal / Plastic Enclosure	P	P	M	M	M	M	M	M	M
	MTBF	157,730 hours	110,620 hours	393,000 Hours	168,000 Hours	190,000 Hours	353,000 Hours	116,000 Hours	120,000 Hours	110,000 Hours
	Acoustic Noise									
	Fan									
	Width x Depth x Height	147 x 96 x 29 mm (5.8 x 3.8 x 1.1 in.)	175 x 119 x 28 mm (7 x 4.6 x 1.2 in.)	94 x 103 x 27 mm (3.7 x 4.1 x 1.1 in.)	158 x 103 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.)	330 x 202 x 43 mm (13 x 8 x 1.7 in.)	330 x 202 x 43 mm (13 x 8 x 1.7 in.)
	Weight	0.28 kg (0.63 lb)	0.31 kg (0.69 lb)	0.28 kg (0.62 lb)	0.49 kg (1.1 lb)	0.74 kg (1.7 lb)	0.9 kg (2.0 lb)	0.9 kg (2.0 lb)	0.28 kg (0.63 lb)	0.31 kg (0.69 lb)
Electromagnetic Compliance	Class (A or B)	B	B	A	A	B	A	A	A	A
Warranty Hardware		3 Year/NA	3 Year/NA	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
Warranty Power Supply				2 Year	2 Year	2 Year	2 Year	2 Year	Lifetime	Lifetime
Modules										
Prosupport Maintenance PKGS	On Call 24 x 7/XPRESSHW			PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331

MODEL		GS605 (GREEN)	GS605AV (GREEN)	GS608 (GREEN)	GS105 (GREEN)	GS108 (GREEN)	GS108Ev2 (NEW)	GS108P (GREEN)
		UMANAGED						
		L2						
		GIGABIT						
Port Configuration	10/100 Ports (Auto Uplink)							
	10/100/1000 Ports (Auto Uplink)	5	5	8	5	8		8
	Fiber Ports							
PoE	Power Over Ethernet 802.3af Ports							4
	Total PoE Budget							50W
Scalability	# MAC Addresses	4,000	4,000	4,000	4,000	4,000	4000	4,000
System Management	Port Mirroring							
Quality of Service	Number of Priority Queues						4	
	Traffic Prioritization		honors 802.1p priority tags			honors 802.1p priority tags		honors 802.1p priority tags
Performance	Bandwidth	10 Gbps	10 Gbps	16 Gbps	10 Gbps	16 Gbps		16 Gbps
	Buffer Memory	128 KB Per System	128 KB Per System	128 KB Per System	128 KB Per System	192 KB Per System		192 KB Per System
	Jumbo Frames	•	•	•	•	•	•	•
Traffic Management	Number of 802.1q Vlan / Number of Vlan Group						•	
	Link Agregation 802.3ad / LACP							
	Rate Limiting						•	
	Broadcast Storm Control		•				•	
Energy Efficiency	Energy Star		•					
	Auto Port Power Down	•	•	•	•	•	•	•
	Dynamic Power Consumption			•		•		•
	Power Consumption	12 Watts	12 Watts	12 Watts	12 Watts	12 Watts		12.2 Watts (with PoE load)
Physical	Desktop / Rackmount	D	D	D	D	D		D
	Metal / Plastic Enclosure	P	P	P	M	M		M
	MTBF	816,000 hours	928,163 hrs	816,000 hours	347,000 Hours	113,000 Hours	5,701,574 Hours	840,991 Hours
	Acoustic Noise						0	
	Fan						0	
	Width x Depth x Height	147 x 96 x 29 mm (5.8 x 3.8 x 1.1 in.)	33 x 137 x 102 mm (1.30 x 5.40 x 4.01 in)	178 x 119 x 28 mm (7.0 x 4.6 x 1.2 in.)	94 x 105 x 27 mm (3.7 x 4.1 x 1.1 in.)	158 x 105 x 27 (6.2 x 4.1 x 1.1 in.)	158 x 105 x 27 (6.2 x 4.1 x 1.1 in.)	235 x 103 x 27 mm (9.25 x 4.06 x 1.1 in)
	Weight	0.28 kg (0.63 lb)	0.204 kg (0.45 lb)	0.31 kg (0.69 lb)	0.28 kg (0.62 lb)	0.52 kg (1.15 lb)	0.55 kg (1.2 lb)	0.716 kg (1.7 lb)
Electromagnetic Compliance	Class (A or B)	B	B	B	A	B	B	B
Warranty Hardware		3 Year/NA	3 Year/NA	3 Year/NA	Lifetime	Lifetime		Lifetime
Warranty Power Supply					2 Year	2 Year		2 Year
Modules								
Prosupport Maintenance PKGS	On Call 24 x 7/XPRESSHW				PMB0331/PRR0331	PMB0331/PRR0331		PMB0331/PRR0331

MODEL		GS108PEv2 (NEW)	GS116 (GREEN)	GS116E (NEW)	JGS516 (GREEN)	JGS524 (GREEN)	JGS524F	FS116E (GREEN)	JFS524E (GREEN)	GS105E (GREEN)	JGS524E (NEW)
		UMANAGED						PROSAFE PLUS			
		L2									
		GIGABIT						10/100		GIGABIT	
Port Configuration	10/100 Ports (Auto Uplink)							16	24	5	
	10/100/1000 Ports (Auto Uplink)		16		16	24	24				
	Fiber Ports						2 SFP				
PoE	Power Over Ethernet 802.3af Ports	4									
	Total PoE Budget	45									
Scalability	# MAC Addresses	4000	8,000	8000	8,000	8,000	8,000	8000			8000
System Management	Port Mirroring							Many-to-One	Many-to-One	Many-to-One	
Quality of Service	Number of Priority Queues	4		4				2	2	4	4
	Traffic Prioritization							802.1p	802.1p	802.1p	
Performance	Bandwidth		32 Gbps		32 Gbps	48 Gbps	48 Gbps	3.2 Gbps	4.8 Gbps	10 Gbps	
	Buffer Memory		512 KB Per System		2 MB Per System	2 MB Per System	2 MB Per System				
	Jumbo Frames	•	•	•	•	•	•			•	•
Traffic Management	Number of 802.1q Vlan / Number of Vlan Group	•		•				16	24	5	•
	Link Agregation 802.3ad / LACP							•	•	•	
	Rate Limiting	•		•				•	•	•	•
	Broadcast Storm Control	•		•				•	•	•	•
Energy Efficiency	Energy Star							•		•	
	Auto Port Power Down	•	•	•	•	•		•	•	•	•
	Dynamic Power Consumption		•		•	•		•	•	•	
	Power Consumption		15 Watts		25 Watts	40 Watts	40 Watts	5.46 Watts	5.9 Watts	4 Watts	
Physical	Desktop / Rackmount		D		R	R	R	D	R	D	
	Metal / Plastic Enclosure		M		M	M	M	M	M	M	
	MTBF	3,649,507 Hours	393,000 Hours	2,806,154 Hours	309,000 Hours	230,000 Hours	262,000 Hours	4,046,880 hours	1,952,478 hours	5,905,968 hours	1,262,700 Hours
	Acoustic Noise	0		0	37dB	37 dB	40 dB	0 dBA	0 dBA	0 dBA	0
	Fan	0		0	•	•	•				0
	Width x Depth x Height	235 x 103 x 27 mm (9.25 x 4.06 x 1.1 in)	285 x 103 x 27 mm (11.22 x 4.06 x 1.06 in.)	287 x 103 x 27 mm (11.3 x 4.1 x 1.1 in)	330 x 207 x 43 mm (13 x 8.2 x 1.7 in.)	330 x 07 x 43 mm (13 x 8.2 x 1.7 in.)	330 x 169 x 43mm (13 x 6.7 x 1.7 in.)	287 x 103 x 27 mm (11.3 x 4.1 x 1.1 in)	330 x 173 x 43 mm (13 x 6.8 x 1.7 in)	94 x 104 x 28 mm (3.7 x 4.1 x 1.1 in)	330 x 173 x 43 mm (13 x 6.8 x 1.7 in)
	Weight	0.726 kg (1.6 lb)	0.99 kg (2.2 lb)	0.81 kg (1.72 lb)	1.62 kg (3.57 lb)	1.72 kg (3.79 lb)	1.72 kg (3.79 lb)	0.81 kg (1.79 lb)	1.43 kg (3.15 lb)	0.3 kg (0.66 lb)	1.43 kg (3.15 lb)
Electromagnetic Compliance	Class (A or B)	A	A	A	A	A	A	A	A	B	A
Warranty Hardware			Lifetime		Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime	
Warranty Power Supply			2 Year		Lifetime	Lifetime	Lifetime	2 Year	Lifetime	2 Year	
Modules							AGM731F/732F				
Prosupport Maintenance PKGS	On Call 24 x 7/XPRESSHW		PMB0331/PRR0331		PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/PRR0331	PMB0331/ PRR0331	PMB0331/ PRR0331	PMB0331/ PRR0331	

GREEN = NETGEAR Green

*The 3-Year and Lifetime Hardware Warranties only cover 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. Basic technical support provided for 90 days from date of purchase.

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