

NETGEAR ProSafe Fast Ethernet Switches



NETGEAR offers a complete line of reliable, affordable switches from Layer 3 managed to lightly managed Smart Switches to unmanaged switches. All NETGEAR ProSafe switches are standards based, fully-compatible with existing 10/100/1000 network infrastructure and easy to use and install.

NETGEAR ProSafe Fast Ethernet Layer 2 and Layer 3 Managed Switches

NETGEAR's ProSafe line of Layer 2 and Layer 3 Managed Switches maximizes network management and performance. With a full set of QoS features that enhance network capabilities while protecting your infrastructure investment, these cost-effective, feature-rich switches also deliver wire-speed, non-blocking performance for maximum throughput where you need it —high-performance workgroups at the edge of the network, a backbone for Fast Ethernet switches or Gigabit servers in demanding growing networks.

	Layer 3				Layer 2		
Product Name	FSM7352S	FSM7328S	FSM7326P	FSM7352PS	FSM750S	FSM726S	FSM726
Product Description	ProSafe 48 Port 10/100 L3 Managed Stackable Switch with 4 Gigabit Ports	ProSafe 24 Port 10/100 L3 Managed Stackable Switch with 4 Gigabit Ports	ProSafe 24 Port 10/100 L3 Managed Stackable Switch with 2 Gigabit Ports and Power-over-Ethernet	ProSafe 48 Port 10/100 L3 Managed Stackable Switch with 4 Gigabit Ports and 48 Port PoE	ProSafe 48 Port 10/100 L2 Managed Switch with 2 Gigabit Ports	ProSafe 24 Port 10/100 L2 Managed Stackable Switch with 2 Gigabit Ports	ProSafe 24 Port 10/100 L2 Managed Stackable Switch with 2 Gigabit Ports
Key Features	<ul style="list-style-type: none"> • 48 10/100/1000 Mbps ports • 4 10/100/1000 Mbps ports with fiber options • 4 SFP slots for optional fiber gigabit connections 	<ul style="list-style-type: none"> • 24 10/100/1000 Mbps ports • 4 10/100/1000 Mbps ports with fiber options • 4 SFP slots for optional fiber gigabit connections 	<ul style="list-style-type: none"> • 24 10/100 Mbps ports • 2 10/100/1000 Mbps ports with fiber options • IEEE 802.3af Power over Ethernet (PoE) on all 24 ports 	<ul style="list-style-type: none"> • 48 10/100/1000 Mbps ports with PoE • 4 10/100/1000 Mbps ports with fiber options • IEEE 802.3af Power over Ethernet (PoE) on all 48 ports 	<ul style="list-style-type: none"> • 48 10/100 Mbps ports, • 2 combo Gigabit port • 2 rear stacking ports 	<ul style="list-style-type: none"> • 24 10/100 Mbps auto-sensing front ports • 2 combo Gigabit port • 2 rear stacking ports 	<ul style="list-style-type: none"> • 24 10/100 Mbps ports • 2 combo Gigabit ports
Stackable	Stackable up to 8 units (up to 384 ports)	Stackable up to 8 units (up to 192 ports)		Stackable up to 8 units (up to 192 ports)	Stack any combination 144 10/100 ports and 12 gigabit ports	Stack any combination 144 10/100 ports and 12 gigabit ports	
Switching	<ul style="list-style-type: none"> • Layer 3 - OSPF, RIP I/RIP II, Static, VLAN routing, ACLs, QoS • Layer 2 - Trunking, VLAN, QoS, ACLs (up to 384 ports)				Layer 2 - Trunking, VLAN, QoS, ACL		
Management	SNMP, RMON, DHCP, Jumbo Frames				SNMP, RMON, , DHCP, Jumbo Frames		
Security	802.1x, RADIUS log-in, trusted MAC, trusted IP, MAC lock-down				802.1x, RADIUS log-in, trusted MAC, trusted IP, MAC lock-down		
Other	Optimized for ProSafe Network Management Software NMS100				Optimized for ProSafe Network Management Software NMS100		
Ideal for	Layer 3 switching for the core of your network; edge and workgroups.				Ideal for high density, high performance desktop, server and backbone connectivity. Upgrade larger, congested desktop or server environments to speedy Gigabit Ethernet connectivity.		

NETGEAR ProSafe Fast Ethernet Smart Switches

NETGEAR's family of ProSafe Smart Switches fill the gap between unmanaged and fully managed switches. Priced like unmanaged switches, they offer popular features like centralized control, monitoring, SNMP, and troubleshooting—capabilities traditionally found on more expensive, fully managed switches. Ideal for growing businesses that want control over their network, without the cost and complexity of a full Layer 2/Layer 3 management implementation.

Model Number	FS726T	FS726TP	FS750T2
Product Name	ProSafe 24 Port 10/100 Smart Switch with Gigabit Ports	ProSafe 24 Port 10/100 Smart Switch with Gigabit Ports and PoE	ProSafe 48 Port 10/100 Smart Switch with 2 Gigabit Ports
Features	<ul style="list-style-type: none"> • 24 10/100 Mbps ports • 2 10/100/1000 Mbps copper gigabit ports • (1) SFP slots for optional fiber connectivity 	<ul style="list-style-type: none"> • 24 10/100 Mbps ports • 2 10/100/1000 Mbps copper gigabit ports • 2 SFP slots for optional fiber connectivity • IEEE 802.3af Power over Ethernet (PoE) on 12 ports 	<ul style="list-style-type: none"> • 48 10/100 Mbps ports • 2 10/100/1000 Mbps copper gigabit ports • 2 SFP slots for optional fiber connectivity
Switching	Layer 2 - Trunking, VLAN, prioritization		
Web-based Management	SNMP v1, Spanning Tree, DHCP		
Other	Optimized for ProSafe Network Management Software NMS100		
Ideal for	<ul style="list-style-type: none"> • Smart features that are ideal for simple QoS applications, and provide basic monitoring tools for small businesses, multimedia classrooms, creative or engineering departments, workgroups, or gaming groups using bandwidth intensive applications. • Companies looking for a simple and economical migration path from an unmanaged network 		

ProSafe Fast Ethernet Unmanaged Switches

The standards-based ProSafe Unmanaged Switches are ideal for small offices, conference rooms, workgroups or classrooms. Available in two form factors: compact size for desktops and small spaces as well as rackmountable size for installation into standard 19" racks. All switches are housed in a sturdy metal case for years of dependable use and packed with ease-of-use features to simplify your workday experience.

	Desktop					Rackmount			
Model number	FS116	FS116P	FS108	FS108P	FS105	FS524	JFS524	JFS524F	JFS516
Description	ProSafe 16 Port 10/100 Desktop Switch	ProSafe 16 Port 10/100 Desktop Switch w/8 Port PoE (55W)	ProSafe 8 Port 10/100 Desktop Switch	ProSafe 16 Port 10/100 Desktop Switch w/8 Port PoE (55W)	ProSafe 5 Port 10/100 Desktop Switch	ProSafe 24 Port 10/100 Rackmount Switch	ProSafe 24 Port 10/100 Rackmount Switch	ProSafe 24 Port 10/100 Rackmount Switch & 1 00-FX slots	ProSafe 16 Port 10/100 Rackmount Switch
Ideal for	Ideal for small office, small or medium sized conference rooms, classrooms, home office, small workgroups, study groups or desktop connectivity					Ideal for small and medium size office, power users, workgroups, multimedia classrooms or businesses, creative departments			

Technical Specifications

	FSM7352S	FSM7328S	FSM7326P	FSM7352PS	FSM750S	FSM726S	FSM726	FS750T2	FS726T	FS726TP
10/100 Mbps ports	48	24	24	48	48	24	24	48	24	24
10/100/1000 Mbps ports	4	4	2	4	2	2	2	2	2	2
GBIC Module slots*	4 SFP	4 SFP	2 SFP	4 SFP	2 GBIC	2 GBIC	2 GBIC	2 SFP	1 SFP	2 SFP
IEEE 802.3af PoE ports			24 ports/170W	48 ports/480W						12 ports/100W
Auto Uplink every port	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RS232 Console port	1	1	1	1	1	1	1	0	0	0
Stacking ports	2	2	0	2	2	2	0	0	0	0
# of priority queues	4	4	4	4	2	2	0	4	4	4
Bandwidth/backplane (Gbps)	17.6	12.8	8.8	17.6	17.6	12.8	8.8	13.6	8.8	8.8
MAC Addresses	16,384	16,384	8,000	16,384	8,000	8,000	8,000	8,000	8,000	8,000
Packet forwarding (Mbps)	13	9.56	6.5	13	13	9.5	6.5			
Acoustic Noise	56.07 dB	0 dB	45 dB	56.07 dB	48 dB	48 dB	48 dB	<45 dB	<45 dB	<45 dB
Latency (100 Mbps)	20 µ	20 µ	20 µ	20 µ	<80 µs	<80 µs	<20 µs	20 µ	20 µ	20 µ
Mean Time Between Failure (hrs)	117,747	125,500	58,300	117,747	54,481	58,300	58,300	59,880	300,000	300,000
Queue Buffer Memory (Kbytes per port)	122	122	122	122	1.8	1.2	800	128	256	256
Status LEDs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
802.1x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Access Control Lists (ACL)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Broadcast Control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DHCP client	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DHCP server	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DiffServ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Jumbo Frames	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Layer 4 prioritization	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Management (CLI, Telnet)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Management (web-based)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Multiple Spanning Tree	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Password protected	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Policy Based QoS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Port Configuration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Port Mirroring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Port Trunking	LACP	LACP	LACP	LACP	Manual & LACP	Manual & LACP	Manual & LACP	Manual	Manual	Manual
Rapid Spanning Tree	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Rate Limiting	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RIP I/RIP II, OSPF	RIP I/RIP II	RIP I/RIP II	✓	✓	✓	✓	✓	✓	✓	✓
RMON (4 groups)	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			
Routing Redundancy			VRRP	VRRP						
SNMP	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c	v1, v2c	v1, v2c	v1	v1	v1
Spanning Tree	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SSL/SSH & HTTPS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Traffic Prioritization (802.1p)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VLAN (# supported)	512	512	512	512	64	64	64	64	64	64
IEEE Standards Compliance	• IEEE 802.3i 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3ab 1000BASE-T • IEEE 802.3x Flow Control • IEEE 802.1Q • 0 IEEE 802.1p • IEEE 802.1D • IEEE 802.1ad • IEEE 802.1x • IEEE 802.1w • IEEE 802.1s • RIPv2 • IGMP									
Operating System	Windows®, MAC OS, NetWare®, Linux®									
Dimensions	W 17.32" (440 mm) x D 10.1" (257 mm) x H 1.7" (43 mm)				W 17.3" (440 mm) x D 10.23" (260 mm) x H 3.2" (86 mm)			W 17.8" (440 mm) x D 1.6" (205 mm) x H 8.1" (86 mm)		
Module Add On	• AGM731F 1000BASE-SX SFP GBIC • AGM732F 1000BASE-LX SFP GBIC • AGM733 1000BASE-ZX SFP GBIC				• AGM721F 1000BASE-SX GBIC • AGM722F 1000BASE-LX GBIC			• AGM731F 1000BASE-SX SFP GBIC • AGM732F 1000BASE-LX SFP GBIC • AGM733 1000BASE-ZX SFP GBIC		
Warranty	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	5/2*	2/2*	2/2*	2/2*	2/2*	2/2*
ProSafe Network Management Software (NMS100)	Bundled with 30 day trial software									
ProSupport Maintenance										
OnSite 24x7	PMP1132	PMP1132	PMP1132	PMP1133	PMP1132					
OnSite 9x5	PMP3332	PMP3332	PMP3332	PMP3333	PMP3332	PMB0331	PMB0331	PMB0331	PMB0331	PMB0331
OnCall 24x7	PMB0332	PMB0332	PMB0332	PMB0333	PMB0332	PRR0331	PRR0331	PRR0331	PRR0331	PRR0331

	FS116/116P	FS108/108P	FS105	FSS24	JFS524/524F	JFS516
10/100 Mbps ports	16	8	5	24	24	16
10/100/1000 Mbps ports					JFS524F - 1	
IEEE 802.3af PoE ports	FS116P 8 ports/55W	FS108P 4 ports/32W				
Auto Uplink every port	✓	✓	✓	✓	✓	✓
Bandwidth/backplane	3.2 Gbps	1.6 Gbps	1 Gbps	4.8 Gbps	4.8 Gbps	3.2 Gbps
MAC Addresses	8,000	8,000	8,000	4,000	4,000	4,000
Packet forwarding	2.3 Mpps	1 Mpps	0.7 Mpps	3.4 Mpps	3.4 Mpps	2.3 Mpps
Acoustic Noise	0	0	0	0	0	0
Latency (100 Mbps)	20 µ (max)	20 µ (max)	20 µ (max)	20 µ (max)	20 µ (max)	20 µ (max)
Mean Time Between Failure	194,000	77,000	66,000	200,000	49,000	57,000
Queue Buffer Memory (per port)		96 Kbytes	512 Kbytes	320 Kbytes	320 Kbytes	
Status LEDs	✓	✓	✓	✓	✓	✓
IEEE Standards Compliance	• IEEE 802.3i 10BASE-T Ethernet • IEEE 802.3u 100BASE-TX Fast Ethernet • IEEE 802.3ab 1000BASE-T Gigabit Ethernet • IEEE 802.3x Flow Control • IEEE 802.3af DTE Power via MDI (FS116P/FS108P)					
Operating System	Windows®, MAC OS, NetWare®, Linux®					
Dimensions	W 11.22" (285 mm) x D 4.06" (103 mm) x H 1.06" (27 mm)	W 6.22" (158 mm) x D 4.13" (105 mm) x H .98" (25 mm)	W 6.22" (158 mm) x D 4.13" (105 mm) x H .98" (25 mm)	W 11.22" (285 mm) x D 4.06" (103 mm) x H 1.06" (27 mm)	W 13" (330 mm) x D 8" (202 mm) x H 1.7" (43 mm)	W 13" (330 mm) x D 8" (202 mm) x H 1.7" (43 mm)
Package Contents:	• Wall-mount kit • AC adapter	• Installation guide • Warranty/Support information car		• Rack-mount kit • AC adapter	• Installation guide • Warranty/Support information car	
Module Add On				JFS524F - AF711F 1000BASE-FX SFP GBIC		
AC Power	25 W max	17.5 W/44 W max	14.4 W max	25 W max	40 W max	35W max
Warranty	5/2*	5/2*	5/2*	5/2*	2/2*	2/2*
ProSupport Maintenance						
OnCall 24x7	PMB0331	PMB0331	PMB0331	PMB0331	PMB0331	PMB0331
XPressHW	PRR0331	PRR0331	PRR0331	PRR0331	PRR0331	PRR0331

*5 year hardware/2 year power supply and 2 year hardware/2 year power supply

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Accessories

Modules	ProSafe AGM731F 1000BASE-SX SFP GBIC module ProSafe AGM732F 1000BASE-LX SFP GBIC module ProSafe AGM733 1000BASE-ZX SFP GBIC module ProSafe AGM721F 1000BASE-SX GBIC (FSM750S/FSM726S/FSM726) ProSafe AGM722F 1000BASE-LX GBIC (FSM750S/FSM726S/FSM726) ProSafe AF711F 100BASE-FX (JFS524F)
Desktop NIC	FA311 10/100 Low Profile PCI NIC GA311 Gigabit PCI Adapter
Laptop NIC	FA511 10/100 Low Profile PC Card GA511 Gigabit PC Card
ProSafe Network Management Software NMS100	• Proactively manages devices supporting SNMP v1, v2c, v3 • Automatic discovery and topology mapping • Proactive alerts and alarms • Trend analysis by combining real-time and historical graphs • Works with NETGEAR ProSafe Managed L3/L2/Smart switches, VPN Firewalls and Access Points • Easy-to-use GUI interface, optimized for NETGEAR

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