

## NETGEAR ProSafe GSM7212F Managed L2+ Power over Ethernet (PoE) Grey



**Brand :** NETGEAR

**Product code:** GSM7212F-100NES

**Product name :** ProSafe GSM7212F

Managed, PoE, Gigabit Ethernet, 12x RJ-45, 12x SFP, L2+, USB, RS-232, 128MB RAM, 32MB Flash, QoS, DHCP, VLAN, 160.6W, 3.665kg, grey  
 NETGEAR ProSafe GSM7212F. Switch type: Managed, Switch layer: L2+. Basic switching RJ-45 Ethernet ports quantity: 12, USB 2.0 ports quantity: 1, Console port: RS-232. MAC address table: 16000 entries, Switching capacity: 24 Gbit/s. Networking standards: IEEE 802.1ab, IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE.... Power connector: DC-in jack. Power over Ethernet (PoE). Rack mounting

Management features		Security	
Switch type *	Managed	IGMP snooping	✓
Switch layer	L2+	Security algorithms	802.1x RADIUS, EAP, HTTPS, SSL/TLS, WPA-AES
Quality of Service (QoS) support	✓	MAC address filtering	✓
Web-based management	✓	Static port security	✓
System event log	✓	SSH/SSL support	✓
MIB support	MIB-II, Bridge MIB, Etherlike-MIB, SMIPv2, VLAN MIB, Client MIB, Entity MIB v2, RMON-MIB, PAE-MIB, LLDP MIB	Multicast features	
		Multicast support	✓
Ports & interfaces		Protocols	
Basic switching RJ-45 Ethernet ports quantity *	12	Management protocols	SNMP v1/2/3, SMI v1/2, HTTP 1.1
SFP/SFP+ slots quantity	12	Data link protocols	LLDP
SFP module slots quantity	12	Supported network protocols	IP, IPv4, IPv6, TCP/UDP, TFTP, DoS, ICMP, ARP, BOOTP, SNMP, SFTP, BSD, Telnet
Fiber ports quantity	12	Design	
Fiber optic connector	SFP	Rack mounting *	✓
Console port	RS-232	Stackable *	✓
USB 2.0 ports quantity	1	Product colour	Grey
Power connector	DC-in jack	Safety	CE, CSA, UL/cUL, EN
Network		Performance	
Networking standards *	IEEE 802.1ab, IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Built-in processor	✓
10G support *	✓	Processor model	Broadcom BCM53003
Copper ethernet cabling technology	1000BASE-T, 1000BASE-TX, 100BASE-T, 100BASE-TX, 10BASE-T	Processor frequency	600 MHz
Port mirroring	✓	Memory type	RAM
IP routing	✓	Internal memory	128 MB
Flow control support	✓	Flash memory	32 MB
Link aggregation	✓	Noise level	48 dB
Broadcast storm control	✓	Mean time between failures (MTBF)	670956 h
Rate limiting	✓	Power	
Spanning tree protocol	✓	Power consumption (typical)	150 W
Number of VLANs	64	Power over Ethernet (PoE)	
Optical fiber		Power over Ethernet (PoE) *	✓
Fiber ethernet cabling technology	1000BASE-LX, 1000BASE-SX, 100BASE-FX	Power over Ethernet plus (PoE+) ports quantity	4
		Other features	
		Latency	3.1 - 9
		Dimensions (WxDxH)	440 x 257 x 44 mm
		Connectivity technology	Wired

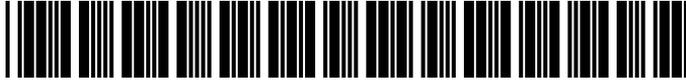
Data transmission		Other features	
Supported data transfer rates	10/100/1000 Mbps	Networking features	Gigabit Ethernet
Switching capacity *	24 Gbit/s	Operational conditions	
Throughput	17.8 Mpps	Operating temperature (T-T)	0 - 50 °C
MAC address table *	16000 entries	Storage temperature (T-T)	-20 - 70 °C
Store-and-forward	✓	Operating relative humidity (H-H)	0 - 90%
Number of trunks	12	Storage relative humidity (H-H)	0 - 95%
Number of queues	8	Operating altitude	0 - 3000 m
Number of static routes	16	Non-operating altitude	0 - 3000 m
Maximum data transfer rate	10 Gbit/s	Weight & dimensions	
Jumbo frames support	✓	Weight	3.67 kg
Packet buffer memory	12 MB	Certificates	
Security		Certification	CE, FCC, VCCI, EN (CISPR 22), C-Tick
DHCP features	DHCP server, DHCP client		
Access Control List (ACL)	✓		



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