

NETGEAR M4300-12X12F Hallittu L2/L3 10G Ethernet (100/1000/10000) 1U musta

Tuotemerkki : NETGEAR

Tuotekoodi: XSM4324S-100NES

Tuotteen nimi : M4300-12X12F



NETGEAR M4300-12X12F. Kytin tyyppi: Hallittu, Kytinkerros: L2/L3. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: 10G Ethernet (100/1000/10000), Basic kytkentä RJ-45 Ethernet-porttien määrä: 12, USB 2.0 -porttien määrä: 1. MAC-osoitetaulukko: 16000 entries, Kytkentäkapasiteetti: 480 Gbit/s. Verkko-standardit: IEEE 802.3ad, IEEE 802.3az. Telineasennus, Kotelo: 1U

Management features		Multicast features	
Switch type *	Managed	Number of multicast groups filtered	4000
Switch layer	L2/L3	Design	
Quality of Service (QoS) support	✓	Rack mounting *	✓
Web-based management	✓	Stackable *	✓
ARP inspection	✓	Form factor	1U
Ports & interfaces		Product colour	Black
Basic switching RJ-45 Ethernet ports quantity *	12	LED indicators	Activity, Power, Speed
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)	Safety	CSA 22.2 #950, UL 1950/cUL IEC 950/EN 60950
SFP+ module slots quantity	12	Electromagnetic compatibility	CE, FCC 15 A, VCCI A, A EN 55022, (CISPR 22) A, EN 50082-1, EN 55024
Fiber optic connector	SFP+	Performance	
USB 2.0 ports quantity	1	Built-in processor	✓
Network		Processor frequency	800 MHz
Networking standards *	IEEE 802.3ad, IEEE 802.3az	Internal memory	1024 MB
10G support *	✓	Flash memory	256 MB
Port mirroring	✓	Noise level	36.9 dB
IP routing	✓	Mean time between failures (MTBF)	192898 h
Flow control support	✓	Power	
Link aggregation	✓	Power supply included *	✓
Rate limiting	✓	Number of power supply units	1
Auto MDI/MDI-X	✓	AC input voltage	110 - 230 V
Spanning tree protocol	✓	Power consumption (max)	97 W
Auto-sensing	✓	Power over Ethernet (PoE)	
Auto-negotiation	✓	Power over Ethernet (PoE) *	✗
VLAN support	✓	Operational conditions	
Virtual LAN features	Private VLAN	Operating temperature (T-T)	0 - 50 °C
Number of VLANs	4000	Storage temperature (T-T)	-20 - 70 °C
Optical fiber		Operating relative humidity (H-H)	0 - 90%
Fiber ethernet cabling technology	10GBASE-LR, 10GBASE-LRM, 10GBASE-SR	Storage relative humidity (H-H)	0 - 95%
Data transmission		Operating altitude	0 - 3000 m
Switching capacity *	480 Gbit/s	Non-operating altitude	0 - 3000 m
Forwarding rate	357 Mpps	Heat dissipation	36775 BTU/h
MAC address table *	16000 entries	Weight & dimensions	
Store-and-forward	✓	Width	212 mm
Number of static routes	64	Depth	345 mm
Jumbo frames support	✓	Height	44 mm
Jumbo frames	9000	Weight	3.69 kg
Packet buffer memory	32 MB	Packaging content	
		Cables included	AC, LAN (RJ-45), Mini-USB

Security		Packaging content	
DHCP features	DHCP server, DHCP client	User guide	✓
Access Control List (ACL)	✓	Rack mount kit	✓
IGMP snooping	✓	Packaging data	
Security algorithms	HTTPS, SNMP, SSH	Rubber feet	✓
SSH/SSL support	✓	Resource CD	✓
BPDU filtering/protection	✓	Logistics data	
Multicast features		Harmonized System (HS) code	85176990
Multicast support	✓		



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