

NETGEAR M4300-8X8F Managed L3 10G Ethernet (100/1000/10000) 1U Black

Brand : NETGEAR

Product code: XSM4316S-100NES

Product name : M4300-8X8F



320 Gbps, 10/100/1000/10000, 1U, L3

NETGEAR M4300-8X8F. Switch type: Managed, Switch layer: L3. Basic switching RJ-45 Ethernet ports type: 10G Ethernet (100/1000/10000), Basic switching RJ-45 Ethernet ports quantity: 8, USB 2.0 ports quantity: 1, Console port: RJ-45/Mini-USB. MAC address table: 16000 entries, Switching capacity: 320 Gbit/s. Networking standards: IEEE 802.11ad, IEEE 802.11az, IEEE 802.3ad, IEEE 802.3az. Rack mounting, Form factor: 1U

Management features		Multicast features	
Switch type *	Managed	Number of multicast groups filtered	4000
Switch layer	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 *	8	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	8	Electromagnetic compatibility	CE, FCC 15 A, VCCI A, A EN 55022, (CISPR 22) A, EN 50082-1, EN 55024
Fiber optic connector	SFP+	Performance	
Console port	RJ-45/Mini-USB	Built-in processor	✓
USB 2.0 ports quantity	1	Processor frequency	800 MHz
Network		Internal memory	1024 MB
Networking standards *	IEEE 802.11ad, IEEE 802.11az, IEEE 802.3ad, IEEE 802.3az	Flash memory	256 MB
10G support *	✓	Noise level	36.9 dB
Cable types supported	Cat5, Cat5e, Cat6, Cat7	Mean time between failures (MTBF)	196120 h
Port mirroring	✓	Power	
IP routing	✓	Power supply included *	✓
Flow control support	✓	Number of power supply units	1
Link aggregation	✓	AC input voltage	120 - 230 V
Rate limiting	✓	Power consumption (max)	49 W
Auto MDI/MDI-X	✓	Power over Ethernet (PoE)	
Spanning tree protocol	✓	Power over Ethernet (PoE) *	✗
Auto-sensing	✓	Operational conditions	
Auto-negotiation	✓	Operating temperature (T-T)	0 - 50 °C
VLAN support	✓	Storage temperature (T-T)	-20 - 70 °C
Virtual LAN features	Private VLAN	Operating relative humidity (H-H)	0 - 90%
Optical fiber		Storage relative humidity (H-H)	0 - 95%
Fiber ethernet cabling technology	10GBASE-LR, 10GBASE-LRM, 10GBASE-SR	Operating altitude	0 - 3000 m
		Non-operating altitude	0 - 3000 m
		Heat dissipation	18577 BTU/h

Data transmission		Weight & dimensions	
Switching capacity *	320 Gbit/s	Width	212 mm
Forwarding rate	357 Mpps	Depth	345 mm
MAC address table *	16000 entries	Height	44 mm
Store-and-forward	✓	Weight	3.32 kg
Number of static routes	64	Packaging content	
Jumbo frames support	✓	Cables included	AC, LAN (RJ-45), Mini-USB
Jumbo frames	9000	User guide	✓
Security		Rack mount kit	✓
DHCP features	DHCP server, DHCP client	Packaging data	
Access Control List (ACL)	✓	Rubber feet	✓
Security algorithms	HTTPS, SNMP, SSH	Resource CD	✓
SSH/SSL support	✓	Logistics data	
BPDU filtering/protection	✓	Harmonized System (HS) code	85176990
Multicast features			
Multicast support	✓		



0606449110005



606449110005

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.