

## NETGEAR M4300-16X Managed L3 10G Ethernet (100/1000/10000) Power over Ethernet (PoE) 1U Zwart

**Merk :** NETGEAR

**Artikelcode:** XSM4316PA-100NES

**Productnaam :** M4300-16X



NETGEAR M4300-16X. Switch type: Managed, Switch-laag: L3. Type basis-switching RJ-45 Ethernet-poorten: 10G Ethernet (100/1000/10000), Aantal basis-switching RJ-45 Ethernet-poorten: 16, Aantal USB 2.0-poorten: 1, Console port: RJ-45/Mini-USB. MAC-adrestabel: 16000 entries, Switchingcapaciteit: 320 Gbit/s. Netwerkstandaard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE.... Power over Ethernet (PoE). Rack-montage, Form factor: 1U

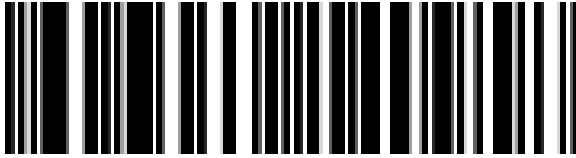
Management features		Protocols	
Switch type *	Managed	GARP VLAN Registration Protocol (GVRP)	✓
Switch layer	L3	Routing protocols	OSPF, OSPFv3, RIP, RIP-1, RIP-2
Quality of Service (QoS) support	✓		
Ports & interfaces		Design	
Basic switching RJ-45 Ethernet ports quantity *	16	Rack mounting *	✓
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)	Stackable *	✓
Console port	RJ-45/Mini-USB	Form factor	1U
USB 2.0 ports quantity	1	Product colour	Black
		Airflow direction	Front-to-back airflow
Network		Performance	
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE 802.3, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3bz, IEEE 802.3u	Physical stacking (units)	8
10G support *	✓	Built-in processor	✓
Port mirroring	✓	Processor frequency	800 MHz
IP routing	✓	Internal memory	1024 MB
Link aggregation	✓	Noise level	36 dB
Auto-sensing	✓	Mean time between failures (MTBF)	690301 h
VLAN support	✓	Power	
Virtual LAN features	Private VLAN, Tagged VLAN, Voice VLAN	Power supply included *	✓
Number of VLANs	4093	Number of power supply units	1
		Power consumption (max)	49 W
Data transmission		Power over Ethernet (PoE)	
Switching capacity *	320 Gbit/s	Power over Ethernet (PoE) *	✓
Throughput	238 Mpps	Power over Ethernet plus (PoE+) ports quantity	16
MAC address table *	16000 entries	Power over Ethernet (PoE) power per port	30 W
Store-and-forward	✓	Total Power over Ethernet (PoE) budget	199 W
Number of queues	8	Operational conditions	
Number of static routes	64	Heat dissipation	186 BTU/h
Jumbo frames support	✓	Weight & dimensions	
Jumbo frames	9000	Width	212 mm
		Depth	345 mm
Security		Height	44 mm
DHCP features	DHCP client, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping	Weight	3.22 kg
Access Control List (ACL)	✓	Packaging content	
IGMP snooping	✓	Rack mount kit	✓
BPDU filtering/protection	✓	Logistics data	
		Harmonized System (HS) code	85176990

**Security**

Authentication	Guest VLAN, MAC-based authentication
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**Multicast features**

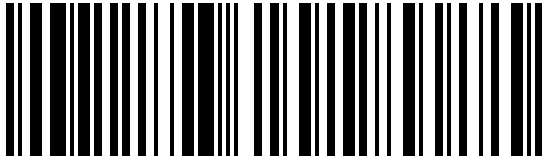
Multicast support	✓
Number of multicast groups filtered	4000



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