

NETGEAR M4300-16X Hallittu L3 10G Ethernet (100/1000/10000) Power over Ethernet -tuki 1U musta



Tuotemerkki : NETGEAR

Tuotekoodi: XSM4316PB-100NES

Tuotteen nimi : M4300-16X

NETGEAR M4300-16X. Kytкин tyyppi: Hallittu, Kytinkerros: L3. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: 10G Ethernet (100/1000/10000), Basic kytkentä RJ-45 Ethernet-porttien määrä: 16, USB 2.0 -porttien määrä: 1, Console-portti: RJ-45/Mini-USB. MAC-osoitetaulukko: 16000 entries, Kytkentäkapasiteetti: 320 Gbit/s. Verkkostandardit: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3bz, IEEE 802.3u. Power over Ethernet -tuki. Telineasennus, Kotelo: 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	✓	Design	
Ports & interfaces		Rack mounting *	✓
Basic switching RJ-45 Ethernet ports quantity *	16	Stackable *	✓
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)	Form factor	1U
Console port	RJ-45/Mini-USB	Product colour	Black
USB 2.0 ports quantity	1	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	35 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
Data transmission		Power consumption (max)	610 W
Switching capacity *	320 Gbit/s	Power over Ethernet (PoE)	
Throughput	238 Mpps	Power over Ethernet (PoE) *	✓
MAC address table *	16000 entries	Power over Ethernet plus (PoE+) ports quantity	16
Store-and-forward	✓	Power over Ethernet (PoE) power per port	30 W
Number of queues	8	Total Power over Ethernet (PoE) budget	500 W
Number of static routes	64	Operational conditions	
Jumbo frames support	✓	Heat dissipation	2081.64 BTU/h
Jumbo frames	9000	Weight & dimensions	
Security		Width	212 mm
DHCP features	DHCP client, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping	Depth	345 mm
Access Control List (ACL)	✓	Height	44 mm
IGMP snooping	✓	Weight	3.22 kg
BPDU filtering/protection	✓	Packaging content	
		Rack mount kit	✓
		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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