



NETGEAR M4300-28G-PoE+ Managed L2/L3/L4 10G Ethernet (100/1000/10000) Power over Ethernet (PoE) 1U Black



Brand : NETGEAR

Product code: GSM4328PA-100NES

Product name : M4300-28G-PoE+

24x Gigabit PoE+ 550W PSU, SFP+, 10 Gigabit RJ45, 128 Gbps, VLAN, AXC761, AXC763
NETGEAR M4300-28G-PoE+. Switch type: Managed, Switch layer: L2/L3/L4. Basic switching RJ-45
Ethernet ports type: 10G Ethernet (100/1000/10000), Basic switching RJ-45 Ethernet ports quantity: 24,
USB 2.0 ports quantity: 1, Console port: RJ-45. MAC address table: 16000 entries, Switching capacity:
128 Gbit/s. Networking standards: IEEE 802.1x, IEEE 802.3ad, IEEE 802.3az. Power over Ethernet (PoE).
Rack mounting, Form factor: 1U



Management features		Security	
Switch type *	Managed	BPDU filtering/protection	✓
Switch layer	L2/L3/L4	Multicast features	
Quality of Service (QoS) support	✓	Multicast support	✓
Ports & interfaces		Number of multicast groups filtered	4000
Basic switching RJ-45 Ethernet ports quantity *	24	Design	
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)	Rack mounting *	✓
SFP+ module slots quantity	2	Stackable *	✓
Console port	RJ-45	Form factor	1U
USB 2.0 ports quantity	1	Product colour	Black
Network		Number of fans	1 fan(s)
Networking standards *	IEEE 802.1x, IEEE 802.3ad, IEEE 802.3az	Performance	
10G support *	✓	Built-in processor	✓
Copper ethernet cabling technology	10GBASE-T	Processor frequency	800 MHz
IP routing	✓	Internal memory	1024 MB
Auto-sensing	✓	Flash memory	256 MB
VLAN support	✓	Noise level	39.8 dB
Virtual LAN features	Private VLAN	Power	
Number of VLANs	4096	Power supply included *	✓
Data transmission		Redundant power supply (RPS) support	✓
Switching capacity *	128 Gbit/s	Number of power supply units	1
Forwarding rate	357 Mpps	AC input voltage	110 - 240 V
MAC address table *	16000 entries	Power consumption (typical)	577 W
Latency (10 Gbps)	2.74 µs	Power consumption (max)	833.2 W
Number of static routes	64	Power over Ethernet (PoE)	
Jumbo frames support	✓	Power over Ethernet (PoE) *	✓
Packet buffer memory	16 MB	Power over Ethernet plus (PoE+) ports quantity	24
Security		Total Power over Ethernet (PoE) budget	480 W
DHCP features	DHCP server	Operational conditions	
Access Control List (ACL)	✓	Heat dissipation	196988 BTU/h
IGMP snooping	✓	Weight & dimensions	
Security algorithms	HTTPS, SNMP, SSH	Weight	5.09 kg
SSH/SSL support	✓	Logistics data	
		Harmonized System (HS) code	85176990



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