NETGEAR

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	
Switch type *	Managed
Switch layer	L2/L3/L4
Quality of Service (QoS) support	✓

Ports & interfaces	
Basic switching RJ-45 Ethernet ports quantity *	24
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)
SFP+ module slots quantity	2
Console port	RJ-45
USB 2.0 ports quantity	1

Network	
Networking standards *	IEEE 802.1x, IEEE 802.3ad, IEEE 802.3az
10G support *	✓
Copper ethernet cabling technology	10GBASE-T
IP routing	✓
Auto-sensing	✓
VLAN support	✓
Virtual LAN features	Private VLAN
Number of VLANs	4096

Data transmission	
Switching capacity *	128 Gbit/s
Forwarding rate	357 Mpps
MAC address table *	16000 entries
Latency (10 Gbps)	2.74 µs
Number of static routes	64
Jumbo frames support	✓
Packet buffer memory	16 MB

Security	
DHCP features	DHCP server
Access Control List (ACL)	✓
IGMP snooping	✓
Security algorithms	HTTPS, SNMP, SSH
SSH/SSL support	✓

Security	
BPDU filtering/protection	✓

Multicast features	
Multicast support	✓
Number of multicast groups filtered	4000

Design	
Rack mounting *	✓
Stackable *	✓
Form factor	1U
Product colour	Black
Number of fans	1 fan(s)

Performance	
Built-in processor	✓
Processor frequency	800 MHz
Internal memory	1024 MB
Flash memory	256 MB
Noise level	39.8 dB

Power	
Power supply included *	✓
Redundant power supply (RPS) support	✓
Number of power supply units	1
AC input voltage	110 - 240 V
Power consumption (typical)	577 W
Power consumption (max)	833.2 W

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✓
Power over Ethernet plus (PoE+) ports quantity	24
Total Power over Ethernet (PoE) budget	480 W

Operational conditions	
Heat dissipation	196988 BTU/h

Weight & dimensions	
Weight	5.09 kg

Logistics data	
Harmonized System (HS) code	85176990

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