

## 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	<b>Multicast features</b>	
Quality of Service (QoS) support	✓	Multicast support	✓
<b>Ports &amp; interfaces</b>		Number of multicast groups filtered	4000
Basic switching RJ-45 Ethernet ports quantity *	24	<b>Design</b>	
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
<b>Network</b>		Number of fans	1 fan(s)
Networking standards *	IEEE 802.1x, IEEE 802.3ad, IEEE 802.3az	<b>Performance</b>	
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	<b>Power</b>	
Number of VLANs	4096	Power supply included *	✓
<b>Data transmission</b>		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	<b>Power over Ethernet (PoE)</b>	
Jumbo frames support	✓	Power over Ethernet (PoE) *	✓
Packet buffer memory	16 MB	Power over Ethernet plus (PoE+) ports quantity	24
<b>Security</b>		Total Power over Ethernet (PoE) budget	480 W
DHCP features	DHCP server	<b>Operational conditions</b>	
Access Control List (ACL)	✓	Heat dissipation	196988 BTU/h
IGMP snooping	✓	<b>Weight &amp; dimensions</b>	
Security algorithms	HTTPS, SNMP, SSH	Weight	5.09 kg
SSH/SSL support	✓	<b>Logistics data</b>	
		Harmonized System (HS) code	85176990



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