NETGEAR

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

Brand : NETGEAR

Product code: GSM4328PB-100AJS

Product name : M4300-28G PoE+

- Business Continuity Management
- PVST+ Interoperability
- High Availability (HA)
- Link Dependency
- Multi-Resiliency
- Advanced IPv4/IPv6 security

24x1G PoE+ Stackable Managed Switch with 2x10GBASE-T and 2xSFP+ 1,000W PSU (GSM4328PB)
NETGEAR M4300-28G PoE+. Switch type: Managed, Switch layer: L2/L3/L4. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), 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 802.1AX, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3az, IEEE 802.3u. Power connector: DC-in jack. 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 *	Gigabit Ethernet (10/100/1000)
10G Ethernet (copper) ports quantity	2
SFP+ module slots quantity	2
Console port	RJ-45
USB 2.0 ports quantity	1
Power connector	DC-in jack

Network	
Networking standards *	IEEE 802.1AX, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3az, IEEE 802.3u
10G support *	✓
IP routing	✓
Spanning tree protocol	✓
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	✓
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 source *	AC
Power supply included *	✓
Redundant power supply (RPS) support	✓
Number of power supply units	1
AC input voltage	110 - 240 V
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	720 W

Operational conditions	
Heat dissipation	2844,55 BTU/h

Weight & dimensions	
Width	440 mm
Depth	310 mm
Height	44 mm

Weight & dimensions	
Weight	5,2 kg

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