

NETGEAR M4300-52G-PoE+ 550W PSU Managed L2/L3/L4 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Black

Brand : NETGEAR

Product code: GSM4352PA-100NES



Product name : M4300-52G-PoE+ 550W PSU

48x 1G PoE+, L3, 2x10GBASE-T, 2xSFP+, 10/100/1000/10000, 176 Gbps

NETGEAR M4300-52G-PoE+ 550W PSU. 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: 48, USB 2.0 ports quantity: 1, Console port: RJ-45/Mini-USB. MAC address table: 16000 entries, Switching capacity: 128 Gbit/s. Networking standards: IEEE 802.11ad, IEEE 802.11az, IEEE 802.3ad, IEEE 802.3az. Power over Ethernet (PoE). Rack mounting, Form factor: 1U



Management features		Design	
Switch type *	Managed	Rack mounting *	✓
Switch layer	L2/L3/L4	Stackable *	✓
Quality of Service (QoS) support	✓	Form factor	1U
Web-based management	✓	Product colour	Black
ARP inspection	✓	LED indicators	Activity, Power, Speed
Ports & interfaces		Safety	CSA 22.2 #950, UL 1950/cUL IEC 950/EN 60950
Basic switching RJ-45 Ethernet ports quantity *	48	Electromagnetic compatibility	CE, FCC 15 A, VCCI A, A EN 55022, (CISPR 22) A, EN 50082-1, EN 55024
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Performance	
SFP+ module slots quantity	2	Built-in processor	✓
Fiber optic connector	SFP+	Processor frequency	800 MHz
Console port	RJ-45/Mini-USB	Internal memory	1024 MB
USB 2.0 ports quantity	1	Flash memory	256 MB
Network		Noise level	39.8 dB
Networking standards *	IEEE 802.11ad, IEEE 802.11az, IEEE 802.3ad, IEEE 802.3az	Mean time between failures (MTBF)	673207 h
10G support *	✓	Power	
Cable types supported	Cat5, Cat5e, Cat6, Cat7, Fiber	Power supply included *	✓
Port mirroring	✓	Redundant power supply (RPS) support	✓
IP routing	✓	Number of power supply units	1
Flow control support	✓	AC input voltage	110 - 220 V
Link aggregation	✓	Power consumption (max)	865 W
Rate limiting	✓	Power over Ethernet (PoE)	
Auto MDI/MDI-X	✓	Power over Ethernet (PoE) *	✓
Spanning tree protocol	✓	Power over Ethernet plus (PoE+) ports quantity	48
Auto-sensing	✓	Power over Ethernet (PoE) power per port	30 W
Auto-negotiation	✓	Total Power over Ethernet (PoE) budget	480 W
VLAN support	✓	Operational conditions	
Virtual LAN features	Private VLAN	Operating temperature (T-T)	0 - 50 °C
Number of VLANs	4000	Storage temperature (T-T)	-20 - 70 °C
Optical fiber		Operating relative humidity (H-H)	0 - 90%
Fiber ethernet cabling technology	10GBASE-LR, 10GBASE-LRM, 10GBASE-SR	Storage relative humidity (H-H)	0 - 95%
Data transmission		Operating altitude	0 - 3000 m
Switching capacity *	128 Gbit/s	Non-operating altitude	0 - 3000 m
Forwarding rate	357 Mpps	Heat dissipation	207913 BTU/h
MAC address table *	16000 entries		
Store-and-forward	✓		

Data transmission		Weight & dimensions	
Number of static routes	64	Width	440 mm
Jumbo frames support	✓	Depth	388 mm
Jumbo frames	9000	Height	44 mm
Packet buffer memory	16 MB	Weight	6.67 kg
Security		Packaging data	
DHCP features	DHCP server, DHCP client	Cables included	AC, LAN (RJ-45), Mini-USB
Access Control List (ACL)	✓	User guide	✓
IGMP snooping	✓	Rack mount kit	✓
Security algorithms	HTTPS, SNMP, SSH	Rubber feet	✓
SSH/SSL support	✓	Resource CD	✓
BPDU filtering/protection	✓	Logistics data	
Multicast features		Harmonized System (HS) code	85176990
Multicast support	✓		
Number of multicast groups filtered	4000		



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