

NETGEAR M4350-48G4XF Hallittu L3 Gigabit Ethernet (10/100/1000) Power over Ethernet -tuki 1U musta

Tuotemerkki : NETGEAR

Tuotekoodi: GSM4352-100NES



Tuotteen nimi : M4350-48G4XF

NETGEAR M4350-48G4XF. Kytin tyyppi: Hallittu, Kytinkerros: L3. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: Gigabit Ethernet (10/100/1000), Basic kytkentä RJ-45 Ethernet-porttien määrä: 48. Täysin kaksipuolinen. MAC-osoitetaulukko: 16000 entries, Kytkentäkapasiteetti: 176 Gbit/s. Verkkostandardit: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qav, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE....
Virtaliitin: AC-in-liitin. Power over Ethernet -tuki. Telineasennus, Kotelo: 1U



Management features		Multicast features	
Switch type *	Managed	Multicast support	✓
Switch layer	L3	Multicast Listener Discovery (MLD) snooping	✓
Quality of Service (QoS) support	✓	Protocols	
Web-based management	✓	Management protocols	SNMP V1, V2, V3
ARP inspection	✓	GARP VLAN Registration Protocol (GVRP)	✓
Ports & interfaces		Routing protocols	OSPF, OSPFv2, OSPFv3, RIP, RIP-1, RIP-2
Basic switching RJ-45 Ethernet ports quantity *	48	Design	
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Rack mounting *	✓
Gigabit Ethernet (copper) ports quantity	48	Stackable *	✓
SFP+ module slots quantity	4	Form factor	1U
Power connector	AC-in jack	Product colour	Black
Network		LED indicators	✓
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qav, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3ak, IEEE 802.3bz, IEEE 802.3u	Airflow direction	Front-to-back airflow
		Performance	
10G support *	✓	Built-in processor	✓
Full duplex	✓	Processor model	ARM Cortex-A57
Policy-based routing	✓	Processor frequency	1800 MHz
Flow control support	✓	Memory type	DDR4-SDRAM
Link aggregation	✓	Internal memory	2048 MB
Broadcast storm control	✓	Flash memory	512 MB
Rate limiting	✓	sFlow	✓
Spanning tree protocol	✓	Power	
6to4 tunnel	✓	Power source *	AC
IPv4 routes	512	Power supply included *	✓
IPv6 routes	256	Power consumption (typical)	99 W
VLAN support	✓	Power consumption (max)	348 W
Virtual LAN features	MAC address-based VLAN, Private VLAN, Voice VLAN	Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	✓

Network		Power over Ethernet (PoE)		
Number of VLANs	4093	Power over Ethernet plus (PoE+) ports quantity	48	
Data transmission		Power over Ethernet (PoE) power per port	30 W	
Switching capacity *	176 Gbit/s	Total Power over Ethernet (PoE) budget	1440 W	
Throughput	130.94 Mpps	Other features		
MAC address table *	16000 entries	Power supply	550 W	
Store-and-forward	✓	Operational conditions		
Latency (1 Gbps)	2.2 µs	Operating temperature (T-T)	0 - 45 °C	
Latency (10 Gbps)	0.7 µs	Storage temperature (T-T)	-20 - 70 °C	
Jumbo frames support	✓	Operating relative humidity (H-H)	0 - 90%	
Jumbo frames	12000	Storage relative humidity (H-H)	0 - 95%	
Packet buffer memory	32 MB	Operating altitude	0 - 3000 m	
Security		Non-operating altitude	0 - 3000 m	
DHCP features	DHCP Option 150, DHCP Option 66, DHCP Option 67, DHCP relay, DHCP server, DHCP snooping		Weight & dimensions	
Access Control List (ACL)	✓	Width	440 mm	
Access Control List (ACL) egress	1023	Depth	400 mm	
Access Control List (ACL) ingress	511	Height	43.2 mm	
IGMP snooping	✓	Weight	7.19 kg	
IGMP proxy	✓	Packaging content		
MAC address filtering	✓	Cables included	AC, USB Type-C	
Static port security	✓	Quick start guide	✓	
Loop protection	✓	Rack mount kit	✓	
BPDU filtering/protection	✓	Packaging data		
Authentication	Guest VLAN, MAC-based authentication		Included power plug types	EU, UK, NA
Root protection	✓	Sustainability		
Password protection	✓	Sustainability compliance	✓	
DoS attack prevention	✓	Certificates		
Authentication type	RADIUS, TACACS+		Compliance certificates	BSMI, CCC, CE, Federal Communications Commission (FCC), Low Voltage Directive (LVD)
Queue scheduling algorithms	Strict Priority Queue (SPQ), Weighted random early detection (WRED)			



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