

NETGEAR M4350-24X4V Hallittu L3 10G Ethernet (100/1000/10000) Power over Ethernet -tuki 1U musta

Tuotemerkki : NETGEAR

Tuotekoodi: XSM4328CV-100NES



Tuotteen nimi : M4350-24X4V

NETGEAR M4350-24X4V. Kytin tyyppi: Hallittu, Kytinkerros: L3. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: 10G Ethernet (100/1000/10000), Basic kytkentä RJ-45 Ethernet-porttien määrä: 24. Täysin kaksipuolinen. MAC-osoitetaulukko: 16000 entries, Kytkentäkapasiteetti: 680 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 * | 24 | Design | |
| Basic switching RJ-45 Ethernet ports type * | 10G Ethernet (100/1000/10000) | Rack mounting * | ✓ |
| 10G Ethernet (copper) ports quantity | 24 | Stackable * | ✓ |
| SFP28 ports 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 |
| 10G support * | ✓ | Performance | |
| Full duplex | ✓ | Built-in processor | ✓ |
| Policy-based routing | ✓ | Processor model | ARM Cortex-A57 |
| Flow control support | ✓ | Processor frequency | 1800 MHz |
| Link aggregation | ✓ | Memory type | DDR4-SDRAM |
| Broadcast storm control | ✓ | Internal memory | 2048 MB |
| Rate limiting | ✓ | Flash memory | 512 MB |
| Spanning tree protocol | ✓ | sFlow | ✓ |
| 6to4 tunnel | ✓ | Power | |
| IPv4 routes | 512 | Power source * | AC |
| IPv6 routes | 256 | Power supply included * | ✓ |
| VLAN support | ✓ | Power consumption (typical) | 119.4 W |
| | | Power consumption (max) | 750.1 W |
| | | Power over Ethernet (PoE) | |
| | | Power over Ethernet (PoE) * | ✓ |

| Network | | Power over Ethernet (PoE) | |
|-----------------------------------|---|--|---|
| Virtual LAN features | MAC address-based VLAN, Private VLAN, Voice VLAN | Power over Ethernet plus (PoE+) ports quantity | 24 |
| Number of VLANs | 4093 | Power over Ethernet (PoE) power per port | 30 W |
| Data transmission | | Total Power over Ethernet (PoE) budget | 720 W |
| Switching capacity * | 680 Gbit/s | Other features | |
| Throughput | 505.92 Mpps | Power supply | 880 W |
| MAC address table * | 16000 entries | Operational conditions | |
| Store-and-forward | ✓ | Operating temperature (T-T) | 0 - 45 °C |
| Latency (1 Gbps) | 2.43 µs | Storage temperature (T-T) | -20 - 70 °C |
| Latency (10 Gbps) | 2.2 µs | Operating relative humidity (H-H) | 0 - 90% |
| Jumbo frames support | ✓ | Storage relative humidity (H-H) | 0 - 95% |
| Jumbo frames | 12000 | Operating altitude | 0 - 3000 m |
| Packet buffer memory | 32 MB | Non-operating altitude | 0 - 3000 m |
| Security | | Weight & dimensions | |
| DHCP features | DHCP Option 150, DHCP Option 66, DHCP Option 67, DHCP relay, DHCP server, DHCP snooping | Width | 440 mm |
| Access Control List (ACL) | ✓ | Depth | 400 mm |
| Access Control List (ACL) egress | 1023 | Height | 43.2 mm |
| Access Control List (ACL) ingress | 511 | Weight | 6.58 kg |
| IGMP snooping | ✓ | Packaging content | |
| IGMP proxy | ✓ | Cables included | AC, USB Type-C |
| MAC address filtering | ✓ | Quick start guide | ✓ |
| Static port security | ✓ | Rack mount kit | ✓ |
| Loop protection | ✓ | Packaging data | |
| BPDU filtering/protection | ✓ | Included power plug types | EU, UK, NA |
| Authentication | Guest VLAN, MAC-based authentication | Sustainability | |
| Root protection | ✓ | Sustainability compliance | ✓ |
| Password protection | ✓ | Certificates | |
| DoS attack prevention | ✓ | Compliance certificates | BSMI, CCC, CE, Federal Communications Commission (FCC), Low Voltage Directive (LVD) |
| Authentication type | RADIUS, TACACS+ | | |
| Queue scheduling algorithms | Strict Priority Queue (SPQ), Weighted random early detection (WRED) | | |



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