

NETGEAR M4350-40X4C Managed L3 10G Ethernet
(100/1000/10000) Power over Ethernet (PoE) 1U Schwarz

Marke : NETGEAR

Artikel-Code: XSM4344C-100NES



Produktname : M4350-40X4C

NETGEAR M4350-40X4C. Switch-Typ: Managed, Switch-Ebene: L3. Basic Switching RJ-45 Ethernet Ports-
Typ: 10G Ethernet (100/1000/10000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 40. Vollduplex.
MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 1600 Gbit/s. Netzstandard:
IEEE 802.1D, IEEE 802.1Q, IEEE 802.1Qav, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE....
Netzstecker: AC-Eingangsbuchse. Power over Ethernet (PoE). Rack-Einbau, Formfaktor: 1U



| Management features | | Multicast features | |
|---|---|--|---|
| Switch type * | Managed | Multicast Listener Discovery (MLD) snooping | ✓ |
| Switch layer | L3 | Protocols | |
| Quality of Service (QoS) support | ✓ | Management protocols | SNMP V1, V2, V3 |
| Web-based management | ✓ | GARP VLAN Registration Protocol (GVRP) | ✓ |
| ARP inspection | ✓ | Routing protocols | OSPF, OSPFv2, OSPFv3, RIP, RIP-1, RIP-2 |
| Ports & interfaces | | Design | |
| Basic switching RJ-45 Ethernet ports quantity * | 40 | Rack mounting * | ✓ |
| Basic switching RJ-45 Ethernet ports type * | 10G Ethernet (100/1000/10000) | Stackable * | ✓ |
| 10G Ethernet (copper) ports quantity | 40 | Form factor | 1U |
| QSFP28 ports quantity | 4 | Product colour | Black |
| Power connector | AC-in jack | LED indicators | ✓ |
| Network | | Airflow direction | Front-to-back airflow |
| 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 | Performance | |
| | | Built-in processor | ✓ |
| 10G support * | ✓ | Processor model | ARM Cortex-A57 |
| Full duplex | ✓ | Processor frequency | 1800 MHz |
| Policy-based routing | ✓ | Memory type | DDR4-SDRAM |
| Flow control support | ✓ | Internal memory | 4096 MB |
| Link aggregation | ✓ | Flash memory | 512 MB |
| Broadcast storm control | ✓ | sFlow | ✓ |
| Rate limiting | ✓ | Power | |
| Spanning tree protocol | ✓ | Power source * | AC |
| 6to4 tunnel | ✓ | Power supply included * | ✓ |
| IPv4 routes | 512 | Power consumption (typical) | 200.4 W |
| IPv6 routes | 256 | Power consumption (max) | 413 W |
| VLAN support | ✓ | Power over Ethernet (PoE) | |
| | | Power over Ethernet (PoE) * | ✓ |
| | | Power over Ethernet plus (PoE+) ports quantity | 40 |

| Network | | Power over Ethernet (PoE) | |
|-----------------------------------|---|--|---|
| Virtual LAN features | MAC address-based VLAN, Private VLAN, Voice VLAN | Power over Ethernet (PoE) power per port | 90 W |
| Number of VLANs | 4093 | Total Power over Ethernet (PoE) budget | 1676 W |
| Data transmission | | Other features | |
| Switching capacity * | 1600 Gbit/s | Power supply | 750 W |
| Throughput | 1190.4 Mpps | Operational conditions | |
| MAC address table * | 16000 entries | Operating temperature (T-T) | 0 - 45 °C |
| Store-and-forward | ✓ | Storage temperature (T-T) | -20 - 70 °C |
| Latency (10 Gbps) | 2.71 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 | 256 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 | 7.76 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) | | |
| Multicast features | | | |
| Multicast support | ✓ | | |



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