NETGEAR

# NETGEAR VSM4320C Managed L3 Schwarz

**Marke :** NETGEAR

**Artikel-Code:** VSM4320C-100NES

**Produktname :** VSM4320C



NETGEAR VSM4320C. Switch-Typ: Managed, Switch-Ebene: L3. 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. Rack-Einbau



| | |
|---|---|
| **Management-Funktionen** | |
| Switch-Typ * | Managed |
| Switch-Ebene | L3 |
| Quality of Service (QoS) Support | ✔ |
| Web-basiertes Management | ✔ |
| ARP-Inspektion | ✔ |
| **Anschlüsse und Schnittstellen** | |
| Basic Switching RJ-45 Ethernet Ports-Typ * | ✘ |
| Anzahl QSFP28-Ports | 4 |
| Anzahl SFP28-Ports | 16 |
| Netzstecker | AC-Eingangsbuchse |
| **Netzwerk** | |
| Netzstandard * | 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 |
| 10G-Unterstützung * | ✔ |
| Vollduplex | ✔ |
| Richtlinienbasiertes Routing | ✔ |
| Unterstützung Datenflusssteuerung | ✔ |
| Link Aggregation | ✔ |
| Broadcast-Sturmkontrolle | ✔ |
| Ratenbeschränkung | ✔ |
| Spannbaum-Protokoll | ✔ |
| 6to4 Tunnel | ✔ |
| IPv4-Routen | 512 |
| IPv6-Routen | 256 |
| VLAN-Unterstützung | ✔ |
| Virtuelle LAN-Funktionen | MAC address-based VLAN, Private VLAN, Voice VLAN |
| Anzahl der VLANs | 4093 |

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|---|---|
| **Sicherheit** | |
| Warteschleifenplanungs-Algorithmen | Strict Priority Queue (SPQ), Weighted random early detection (WRED) |
| **Multicast-Funktionen** | |
| Multicast Unterstützung | ✔ |
| Multicast Listener Discovery (MLD) Snooping | ✔ |
| **Protokolle** | |
| Management-Protokolle | SNMP V1, V2, V3 |
| GARP VLAN Registration Protocol (GVRP) | ✔ |
| Router Protokoll | OSPF, OSPFv2, OSPFv3, RIP, RIP-1, RIP-2 |
| **Design** | |
| Rack-Einbau * | ✔ |
| Stapelbar * | ✔ |
| Produktfarbe | Schwarz |
| LED-Anzeigen | ✔ |
| Luftstromrichtung | Luftstrom von vorne nach hinten |
| **Leistungen** | |
| Eingebauter Prozessor | ✔ |
| Prozessor | ARM Cortex-A57 |
| Prozessortaktfrequenz | 1800 MHz |
| Speichertyp | DDR4-SDRAM |
| Speicherkapazität | 4096 MB |
| Flash-Speicher | 512 MB |
| sFlow | ✔ |
| **Energie** | |
| Energiequelle * | AC |
| Netzteil enthalten * | ✔ |
| Stromverbrauch (Standardbetrieb) | 143,4 W |

| Datenübertragung | |
|---|---|
| Routing-/Switching-Kapazität * | 1600 Gbit/s |
| Durchgang | 1190,4 Mpps |
| MAC-Adressentabelle * | 16000 Eintragungen |
| Store-and-Forward | ✔ |
| Wartezeit (10 Gbps) | 2,71 µs |
| Jumbo Frames Unterstützung | ✔ |
| Jumbo-Frames | 12000 |
| Datenpaket-Pufferspeicher | 256 MB |

| Sicherheit | |
|---|---|
| DHCP-Funktionen | DHCP Option 150, DHCP Option 66, DHCP Option 67, DHCP relay, DHCP server, DHCP snooping |
| Zugriffkontrollliste | ✔ |
| Zugriffskontrollliste (ACL) Ausgang | 1023 |
| Zugriffskontrollliste (ACL) Eingang | 511 |
| IGMP-Snooping | ✔ |
| IGMP-Proxy | ✔ |
| MAC Adressen Filtern | ✔ |
| Statische Anschlusssicherheit | ✔ |
| Loop Protection | ✔ |
| BPDU-Filterung/Schutz | ✔ |
| Authentifizierung | Gast VLAN, MAC-basierte Authentifizierung |
| Root-Schutz | ✔ |
| Passwortschutz | ✔ |
| DoS Attacken Prävention | ✔ |
| Autentifizierungstyp | RADIUS, TACACS+ |

| Power over Ethernet (PoE) | |
|---|---|
| Power over Ethernet (PoE) * | ✘ |

| Sonstige Funktionen | |
|---|---|
| Stromversorgung | 420 W |

| Betriebsbedingungen | |
|---|---|
| Betriebstemperatur | 0 - 50 °C |
| Temperaturbereich bei Lagerung | -20 - 70 °C |
| Relative Luftfeuchtigkeit in Betrieb | 0 - 90% |
| Luftfeuchtigkeit bei Lagerung | 0 - 95% |
| Höhe bei Betrieb | 0 - 3000 m |
| Höhe bei Lagerung | 0 - 3000 m |

| Gewicht und Abmessungen | |
|---|---|
| Breite | 440 mm |
| Tiefe | 400 mm |
| Höhe | 43,2 mm |
| Gewicht | 7,15 kg |

| Lieferumfang | |
|---|---|
| Mitgelieferte Kabel | AC, USB Typ-C |
| Schnellstartübersicht | ✔ |
| Rackmontageset | ✔ |

| Verpackungsdaten | |
|---|---|
| Steckertypen enthalten | EU, UK, NA |

| Nachhaltigkeit | |
|---|---|
| Nachhaltigkeitskonformität | ✔ |

| Zertifikate | |
|---|---|
| Konformitätsbescheinigungen | BSMI, CCC, CE, Eidgenössische Kommunikationskommission (FCC), Niederspannungsrichtlinie (LVD) |

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**Catalog Object Cloud**

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