

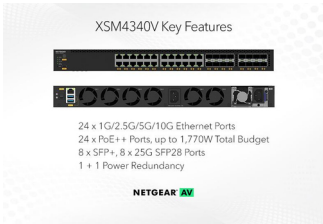
NETGEAR XSM4340V-TAANES network switch Managed L3 10G Ethernet (100/1000/10000) Power over Ethernet (PoE) 1U Black

Brand : NETGEAR

Product code: XSM4340V-TAANES

Product name : XSM4340V-TAANES

- 24 10G/Multi-Gig PoE++ ports, 8 10GBASE-X SFP+ and 8 25GBASE-X SFP28 ports
 - 750W internal power supply providing 290W of PoE budget
 - 1 slot for modular power supply (1+1 redundancy and/or EPS share)
 - Any APS600Wv3, APS1200Wv2, or APS2000Wv2 can be used
 - The PoE budget can reach 1,770W, when the redundant PoE budget remains 290W
 - Virtual Chassis stacking provides non-stop forwarding (NSF) and hitless failover
 - Layer 3 feature set includes static, policy-based, and dynamic routing
 - NETGEAR IGMP Plus™, AV User Interface, and Engage Controller speed up AV installations
- 24x 10G/Multi-Gig PoE++, 8 x 10G SFP+, 8 x 25G SFP28, 440 x 400 x 43.2 mm, 7.24 kg



| 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 * | 24 | Rack mounting * | ✓ |
| Basic switching RJ-45 Ethernet ports type * | 10G Ethernet (100/1000/10000) | Stackable * | ✓ |
| 10G Ethernet (copper) ports quantity | 24 | Form factor | 1U |
| SFP+ module slots quantity | 8 | Product colour | Black |
| SFP28 ports quantity | 8 | 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 | |
| 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 | 4096 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) | 151.8 W |
| VLAN support | ✓ | Power consumption (max) | 464 W |
| Virtual LAN features | MAC address-based VLAN, Private VLAN, Voice VLAN | Power over Ethernet (PoE) | |
| Number of VLANs | 4093 | Power over Ethernet (PoE) * | ✓ |
| Data transmission | | Power over Ethernet 4PPoE (PoE++) ports quantity | 24 |
| Switching capacity * | 1040 Gbit/s | Power over Ethernet (PoE) power per port | 90 W |
| | | Total Power over Ethernet (PoE) budget | 1770 W |

| Data transmission | | Other features | |
|-----------------------------------|---|-----------------------------------|---|
| Throughput | 773.76 Mpps | Power supply | 750 W |
| MAC address table * | 16000 entries | Operational conditions | |
| Store-and-forward | ✓ | Operating temperature (T-T) | 0 - 45 °C |
| Latency (10 Gbps) | 2.7 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 | 64 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 | 7.24 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), Trade Agreements Act (TAA) |
| Queue scheduling algorithms | Strict Priority Queue (SPQ), Weighted random early detection (WRED) | | |
| Multicast features | | | |
| Multicast support | ✓ | | |



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