

# Netgear M4350 Series M4350-24F4V

Switch - L3 - Managed - 24 x 10 Gigabit SFP+ + 8 x 25 Gigabit SFP28 - rack-mountable

|                       |                   |
|-----------------------|-------------------|
| Group                 | Network Equipment |
| Manufacturer          | Netgear           |
| Manufacturer item no. | XSM4328FV-100NES  |
| EAN/UPC               | 0606449161397     |



## Description

NETGEAR M4350 Series M4350-24F4V - Switch - L3 - Managed - 24 x 10 Gigabit SFP+ + 8 x 25 Gigabit SFP28 - rack-mountable

## Main features

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| Product Description        | NETGEAR M4350 Series M4350-24F4V - switch - 28 ports - Managed - rack-mountable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Device Type                | Switch - 28 ports - L3 - Managed - stackable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Enclosure Type             | Rack-mountable 1U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Subtype                    | 10 Gigabit Ethernet / 25 Gigabit Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Ports                      | 24 x 10 Gigabit SFP+ + 8 x 25 Gigabit SFP28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Performance                | Routing/switching capacity: 680 Gbps   Throughput (64-byte packet size): 505.92 Mpps   25 Gbps average latency (64-byte packets): < 0.67 µs   Latency (10 Gbps): < 0.63 µs   Latency (1 Gbps): < 1.06 µs                                                                                                                                                                                                                                                                                                                                                                                              |
| Capacity                   | Packet buffer size: 32 MB   Multicast entries (IPv4): 256   Multicast entries (IPv6): 16   VLANs supported: 4000   Jumbo frame size: up to 12000   IGMP multicast groups: 2000   DHCP users: 2000   ARP entries: 4000   NDP entries: 512                                                                                                                                                                                                                                                                                                                                                              |
| MAC Address Table Size     | 16K entries                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Routing Protocol           | OSPF, RIP, IGMP, VRRP, PIM-SM, PIM-DM, IGMPv3, PIM-SSM, policy-based routing (PBR), MLDv2, RSTP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Remote Management Protocol | SNMP, RMON, Telnet, HTTPS, SSH, CLI, DHCP, RSTP, MIB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Features                   | BOOTP support, ARP support, DoS attack prevention, DiffServ support, Non-Stop Forwarding (NSF), sFlow, Jumbo Frames support, Dynamic ARP Inspection (DAI), Link Aggregation Control Protocol (LACP), Remote Switch Port Analyzer (RSPAN), Dynamic VLAN Support (GVRP), Multiple VLAN Registration Protocol (MVRP), IP source guard, Bridge protocol data unit (BPDU), GARP Multicast Registration Protocol (GMRP), Spanning-tree Root Guard (STRG), LLDP-MED, proxy ARP, PTPv2 TC (Transparent Clock) support, Multiple MAC Registration Protocol (MMRP), Quad-core CPU, DHCPv4 server, DHCPv6 server |
| Compliant Standards        | IEEE 802.1as, IEEE 802.1ak, IEEE 802.1Qat, IEEE 802.1Qav                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Power                      | AC 100-240 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Dimensions (WxDxH)         | 44 cm x 40 cm x 4.32 cm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Localisation               | North America, United Kingdom, Europe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Extended details

|                               | General                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Device Type                   | Switch - 28 ports - L3 - Managed - stackable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Enclosure Type                | Rack-mountable 1U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Subtype                       | 10 Gigabit Ethernet / 25 Gigabit Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Ports                         | 24 x 10 Gigabit SFP+ + 8 x 25 Gigabit SFP28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Performance                   | Routing/switching capacity: 680 Gbps   Throughput (64-byte packet size): 505.92 Mpps   25 Gbps average latency (64-byte packets): < 0.67 µs   Latency (10 Gbps): < 0.63 µs   Latency (1 Gbps): < 1.06 µs                                                                                                                                                                                                                                                                                                                                                                                              |
| Capacity                      | Packet buffer size: 32 MB   Multicast entries (IPv4): 256   Multicast entries (IPv6): 16   VLANs supported: 4000   Jumbo frame size: up to 12000   IGMP multicast groups: 2000   DHCP users: 2000   ARP entries: 4000   NDP entries: 512                                                                                                                                                                                                                                                                                                                                                              |
| MAC Address Table Size        | 16K entries                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Routing Protocol              | OSPF, RIP, IGMP, VRRP, PIM-SM, PIM-DM, IGMPv3, PIM-SSM, policy-based routing (PBR), MLDv2, RSTP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Remote Management Protocol    | SNMP, RMON, Telnet, HTTPS, SSH, CLI, DHCP, RSTP, MIB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Encryption Algorithm          | SHA, MD5, SSL 3.0, 2048-bit RSA, 256-bit SHA-2, 512-bit SHA-2, TLS 2.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Authentication Method         | Secure Shell (SSH), RADIUS, TACACS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Features                      | BOOTP support, ARP support, DoS attack prevention, DiffServ support, Non-Stop Forwarding (NSF), sFlow, Jumbo Frames support, Dynamic ARP Inspection (DAI), Link Aggregation Control Protocol (LACP), Remote Switch Port Analyzer (RSPAN), Dynamic VLAN Support (GVRP), Multiple VLAN Registration Protocol (MVRP), IP source guard, Bridge protocol data unit (BPDU), GARP Multicast Registration Protocol (GMRP), Spanning-tree Root Guard (STRG), LLDP-MED, proxy ARP, PTPv2 TC (Transparent Clock) support, Multiple MAC Registration Protocol (MMRP), Quad-core CPU, DHCPv4 server, DHCPv6 server |
| Compliant Standards           | IEEE 802.1as, IEEE 802.1ak, IEEE 802.1Qat, IEEE 802.1Qav                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Processor                     | X ARM Cortex-A57: 1.8 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RAM                           | 2 GB DDR4 SDRAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                               | Expansion / Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Interfaces                    | 24 x 10GBase-X SFP+   4 x 25GBase-X SFP28   1 x management (Gigabit LAN) RJ-45   2 x USB Type A   1 x console (USB) Type C                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                               | Power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Power Device                  | Internal power supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Installed Qty                 | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Max Supported Qty             | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Power Provided                | 240 Watt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Voltage Required              | AC 100-240 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Power Consumption Operational | 119.3 Watt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power Consumption Stand by    | 45.2 Watt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                               | Miscellaneous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Included Accessories          | Rubber feet, mounting brackets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| Cables Included           | 1 x console cable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Rack Mounting Kit         | Included                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Compliant Standards       | EN 60950, UL 1950, CCC, RCM, BSMI CNS 14336-1, EN 61000-3-2 Class A, GB4943.1-2001, EN 61000-3-3:2013, EN 55024:2010, YD/T993-1998, EN 61000-3-2:2014, GB 4943.1-2011, IEEE 1588, AAA, ISED, ICES-003:2016 issue 6 Class A, CISPR 32:2012, VCCI-CISPR 32:2016 Class A, AN/NZS 60950.1:2015, AS/NZS CISPR32:2013 Class A, IEC 60950-1:2005 (ed.2)+A1:2009+A2:2013, SCCP, GB/T9254-2008 Class A, ANSI C63.4:2014, BSMI CNS 13428, EN 60950-1:2016+A11:2009+A1:2010+A12:2011+A2:2013, EN 55032:2012/AC:2013, FCC CFR 47 Part 15 Class A |
| Localisation              | North America, United Kingdom, Europe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Dimensions & Weight       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Width                     | 44 cm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Depth                     | 40 cm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Height                    | 4.32 cm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Manufacturer Warranty     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Service & Support         | Limited warranty - lifetime                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Environmental Parameters  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Min Operating Temperature | 0 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Max Operating Temperature | 50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Humidity Range Operating  | 90% (non-condensing)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Min Storage Temperature   | -20 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Max Storage Temperature   | 70 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Humidity Range Storage    | 95% (non-condensing)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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