NETGEAR

## NETGEAR MS308 Unmanaged 2.5G Ethernet (100/1000/2500) Black

Brand : NETGEAR

Product name : MS308

Product code: MS308-100EUS

8-Port, 2.5 G, 9.24W, 158 x 101 x 27 mm, 430 g

NETGEAR MS308. Switch type: Unmanaged. Basic switching RJ-45 Ethernet ports type: 2.5G Ethernet (100/1000/2500), Basic switching RJ-45 Ethernet ports quantity: 8. Full duplex. MAC address table: 16000 entries, Switching capacity: 40 Gbit/s. Networking standards: IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3az, IEEE 802.3bz, IEEE 802.3u, IEEE 802.3x. DC input voltage: 12 V. Wall mountable



| Management features                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Design                                                                                                                                                 |                                                              |
|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| Switch type *                                                                                                              | Unmanaged                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | LED indicators                                                                                                                                         | 4                                                            |
| Quality of Service (QoS) support                                                                                           | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Wall mountable                                                                                                                                         | 1                                                            |
| Ports & interfaces                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Performance                                                                                                                                            |                                                              |
| Basic switching RJ-45 Ethernet ports<br>quantity *                                                                         | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Fanless<br>Mean time between failures (MTBF)                                                                                                           | ✔<br>3309911 h                                               |
| Basic switching RJ-45 Ethernet ports type *                                                                                | 2.5G Ethernet (100/1000/2500)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Technical details                                                                                                                                      |                                                              |
| Network                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Warranty period                                                                                                                                        | 3 year(s)                                                    |
| Networking standards *                                                                                                     | IEEE 802.1p, IEEE 802.3, IEEE<br>802.3ab, IEEE 802.3az, IEEE<br>802.3bz, IEEE 802.3u, IEEE 802.3x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Compliance certificates                                                                                                                                | CCC, Low Voltage Directive (LVD)                             |
|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Power                                                                                                                                                  |                                                              |
| 10G support *<br>Full duplex<br>Half duplex<br>Auto MDI/MDI-X<br>Head-of-line (HOL) blocking<br>Ethernet LAN data rates    | <ul> <li>X</li> <li>X</li></ul> | Power source *<br>Power supply included *<br>DC input voltage<br>Input current<br>Input voltage<br>Power consumption (max)                             | DC<br>12 V<br>1 A<br>12 V<br>7.98 W                          |
| Cable length detection                                                                                                     | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Power over Ethernet (PoE)                                                                                                                              |                                                              |
| Data transmission                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Power over Ethernet (PoE) *                                                                                                                            | ×                                                            |
| Switching capacity *                                                                                                       | 40 Gbit/s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Operational conditions                                                                                                                                 |                                                              |
| Forwarding rate<br>MAC address table *<br>Latency (1 Gbps)<br>Jumbo frames support<br>Jumbo frames<br>Packet buffer memory | 3.72 Mpps<br>16000 entries<br>4.9 µs<br>✓<br>12288<br>1 MB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Operating temperature (T-T)<br>Storage temperature (T-T)<br>Operating relative humidity (H-H)<br>Storage relative humidity (H-H)<br>Operating altitude | 0 - 40 °C<br>-20 - 70 °C<br>0 - 90%<br>0 - 95%<br>0 - 3000 m |
|                                                                                                                            | 1 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Weight & dimensions                                                                                                                                    |                                                              |
| Design<br>Rack mounting *<br>Stackable *<br>Product colour<br>Housing material                                             | X<br>X<br>Black<br>Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Width<br>Depth<br>Height<br>Weight                                                                                                                     | 158 mm<br>101 mm<br>27 mm<br>430 g                           |





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