

## NETGEAR M4300-8X8F Managed L3 10G Ethernet (100/1000/10000) 1U Black



Brand : NETGEAR

Product code: XSM4316S-100NES

Product name : M4300-8X8F



320 Gbps, 10/100/1000/10000, 1U, L3

NETGEAR M4300-8X8F. Switch type: Managed, Switch layer: L3. Basic switching RJ-45 Ethernet ports type: 10G Ethernet (100/1000/10000), Basic switching RJ-45 Ethernet ports quantity: 8, USB 2.0 ports quantity: 1, Console port: RJ-45/Mini-USB. MAC address table: 16000 entries, Switching capacity: 320 Gbit/s. Networking standards: IEEE 802.11ad, IEEE 802.11az, IEEE 802.3ad, IEEE 802.3az. Rack mounting, Form factor: 1U

| Management features                             |  | Multicast features                  |  |
|---|--|-------------------------------------|--|
| Switch type *                                   | Managed  | Number of multicast groups filtered | 4000   |
| Switch layer                                    | L3   | Design                              |  |
| Quality of Service (QoS) support                | ✓  | Rack mounting *                     | ✓  |
| Web-based management                            | ✓  | Stackable *                         | ✓  |
| ARP inspection                                  | ✓  | Form factor                         | 1U   |
| Ports & interfaces                              |  | Product colour                      | Black  |
| Basic switching RJ-45 Ethernet ports quantity * | 8  | LED indicators                      | Activity, Power, Speed   |
| Basic switching RJ-45 Ethernet ports type *     | 10G Ethernet (100/1000/10000)                            | Safety                              | CSA 22.2 #950, UL 1950)/cUL IEC 950/EN 60950                         |
| SFP+ module slots quantity                      | 8  | Electromagnetic compatibility       | CE, FCC 15 A, VCCI A, A EN 55022, (CISPR 22) A, EN 50082-1, EN 55024 |
| Fiber optic connector                           | SFP+   | Performance                         |  |
| Console port                                    | RJ-45/Mini-USB   | Built-in processor                  | ✓  |
| USB 2.0 ports quantity                          | 1  | Processor frequency                 | 800 MHz  |
| Network   |  | Internal memory                     | 1024 MB  |
| Networking standards *                          | IEEE 802.11ad, IEEE 802.11az, IEEE 802.3ad, IEEE 802.3az | Flash memory                        | 256 MB   |
| 10G support *                                   | ✓  | Noise level                         | 36.9 dB  |
| Cable types supported                           | Cat5, Cat5e, Cat6, Cat7                                  | Mean time between failures (MTBF)   | 196120 h   |
| Port mirroring                                  | ✓  | Power                               |  |
| IP routing                                      | ✓  | Power supply included *             | ✓  |
| Flow control support                            | ✓  | Number of power supply units        | 1  |
| Link aggregation                                | ✓  | AC input voltage                    | 120 - 230 V  |
| Rate limiting                                   | ✓  | Power consumption (max)             | 49 W   |
| Auto MDI/MDI-X                                  | ✓  | Power over Ethernet (PoE)           |  |
| Spanning tree protocol                          | ✓  | Power over Ethernet (PoE) *         | ✗  |
| Auto-sensing                                    | ✓  | Operational conditions              |  |
| Auto-negotiation                                | ✓  | Operating temperature (T-T)         | 0 - 50 °C  |
| VLAN support                                    | ✓  | Storage temperature (T-T)           | -20 - 70 °C  |
| Virtual LAN features                            | Private VLAN   | Operating relative humidity (H-H)   | 0 - 90%  |
| Optical fiber                                   |  | Storage relative humidity (H-H)     | 0 - 95%  |
| Fiber ethernet cabling technology               | 10GBASE-LR, 10GBASE-LRM, 10GBASE-SR                      | Operating altitude                  | 0 - 3000 m   |
|   |  | Non-operating altitude              | 0 - 3000 m   |
|   |  | Heat dissipation                    | 18577 BTU/h  |

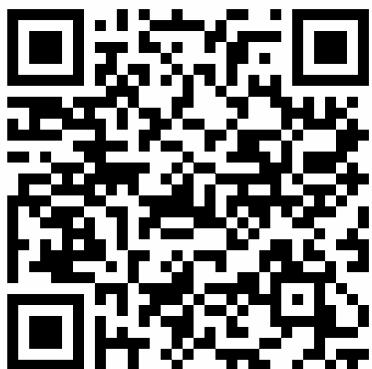
| <b>Data transmission</b>       |                          | <b>Weight &amp; dimensions</b> |                           |
|--------------------------------|--------------------------|--------------------------------|---------------------------|
| Switching capacity *           | 320 Gbit/s               | Width                          | 212 mm                    |
| Forwarding rate                | 357 Mpps                 | Depth                          | 345 mm                    |
| MAC address table *            | 16000 entries            | Height                         | 44 mm                     |
| Store-and-forward              | ✓                        | Weight                         | 3.32 kg                   |
| <b>Number of static routes</b> |                          | <b>Packaging content</b>       |                           |
| Number of static routes        | 64                       | Cables included                | AC, LAN (RJ-45), Mini-USB |
| Jumbo frames support           | ✓                        | User guide                     | ✓                         |
| Jumbo frames                   | 9000                     | Rack mount kit                 | ✓                         |
| <b>Security</b>                |                          | <b>Packaging data</b>          |                           |
| DHCP features                  | DHCP server, DHCP client | Rubber feet                    | ✓                         |
| Access Control List (ACL)      | ✓                        | Resource CD                    | ✓                         |
| Security algorithms            | HTTPS, SNMP, SSH         | <b>Logistics data</b>          |                           |
| SSH/SSL support                | ✓                        | Harmonized System (HS) code    |                           |
| BPDU filtering/protection      | ✓                        | 85176990                       |                           |
| <b>Multicast features</b>      |                          |                                |                           |
| Multicast support              | ✓                        |                                |                           |



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### Catalog Object Cloud



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