M4300-8X8F is a NETGEAR 16-port managed switch used as a backbone switch for multi-tier AVoIP deployments. It features 8 10GBASE-T (copper RJ-45) ports, 8 10GBASE-X (fiber SFP+) ports, and includes a 250W power supply unit.

TECHNICAL SPECIFICATIONS

Ports
- 8 10G BASE T Ethernet: On RJ–45 connectors
- 8 10G BASE X: On SFP+ connectors
- 1 Out of Band 1G Ethernet: On an RJ–45 connector for unit management
- 1 USB: On a mini USB connector for unit management
- 1 USB: On a USB type A connector for local storage, logs, configuration, or image files

General
- Switching Fabric: 320Gbps
- Throughput: 357 Mpps
- Latency for 10G RJ-45: <2.43μs
- Latency for 10G SFP+: <0.89μs
- Acoustic Noise (ANSI-S10.12) @ 25°C ambient (77°F): 36.9dB
- Heat Dissipation: 185.77 BTU/hr
- Mean Time Between Failures (MTBF) @ 25°C ambient (77°F): 196,120 hours (~22.4 years)
- Mean Time Between Failures (MTBF) @ 50°C ambient (131°F): 123,644 hours (~14.1 years)

Power
- Source: 250W–PSU included
- Consumption: 49W max
- NOTE: Consumption specifications are worst case, all ports used, line-rate traffic

Enclosure
- Size: ½ 19” (W) x 1U (H)
- Cooling: Fan

Accessories
- Included one long bracket, one regular (short) bracket, and screws (for front posts)

Product Dimensions
- 21.20cm x 34.50cm x 4.40cm (8.35” x 13.58” x 1.73” ) W, D, H

Product Weight
- 3.3kg (7.3lbs) approx

Shipping Dimensions
- 57.00cm x 34.90cm x 9.00cm (22.44" x 13.74" x 3.54") W, D, H

Shipping Weight
- 4.8kg (10.7lbs) approx
<table>
<thead>
<tr>
<th>Configuration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M4300-16X(299W-PSU)/US/EMEA</td>
<td>NETGEAR Managed Switch with 8x10GBASE−T and 8xSFP+ for US and EMEA (Europe, Middle East and Africa) Regions</td>
</tr>
<tr>
<td>M4300-16X(299W-PSU)/APAC</td>
<td>NETGEAR Managed Switch with 8x10GBASE−T and 8xSFP+ for APAC (Asia Pacific) Regions</td>
</tr>
</tbody>
</table>