



kramer

M4300-96X (empty switch)

NETGEAR Managed Switch with up to 96x10GBASE-T, 96xSFP+, or 24xQSFP+



NETGEAR M4300-96X (empty switch) is a NETGEAR modular managed switch chassis used for large AV over IP deployments. It can be populated with module units in increments of 8 10GBASE-T, 8 10GBASE-X (fiber SFP+) ports or 2 QSFP+ ports.

NOTE: Only the first 6 slots deliver PoE power to the 10GBASE-T cards, enabling a maximum of 48 PoE+ ports per switch. APS1200W is the preferred PSU for PoE power

TECHNICAL SPECIFICATIONS

Ports	<p>From 8 to 96 10GBASE-T or 10GBASE-X Ethernet: According to the installed port modules, see ACCESSORIES & RELATED PRODUCTS</p> <p>1 Out of Band 1G Ethernet: On an RJ-45 connector for unit management</p> <p>1 USB: On a mini USB connector for unit management</p> <p>1 USB: On a USB type A connector for local storage, logs, configuration, or image files</p>
General	<p>Switching Fabric: 1.920 Tbps</p> <p>Throughput: 2,857 Mpps</p> <p>Latency for 10G RJ-45: <2.65µs</p> <p>Latency for 10G SFP+: <0.89µs</p> <p>Acoustic Noise (ANSI-S10.12) @ 25°C ambient (77°F): 35.8dB (no PoE); 66.8dB (max PoE)</p> <p>Heat Dissipation w/1 PSU, no PoE: 2145.82 BTU/hr</p> <p>Heat Dissipation w/2 PSU, and max PoE (1,440W): 7,605.15 BTU/hr</p> <p>Mean Time Between Failures (MTBF) @ 25°C ambient (77°F): 519,784 hours (~59.3 years)</p> <p>Mean Time Between Failures (MTBF) @ 50°C ambient (131°F): 196,635 hours (~22.4 years)</p>
Power	<p>Source: 600W or 1200W modular power supply (sold separately)</p> <p>Consumption w/no PoE: 566W max</p> <p>Consumption w/PoE: 2,006W max</p>
Enclosure	<p>Size: 19" (W) x 2U (H)</p> <p>Cooling: Fan</p>
Accessories	<p>Included Two regular (short) brackets and screws for two-post rack mount (for front posts)</p>