



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	From 8 to 96 10GBASE-T or 10GBASE-X Ethernet: According to the installed port modules, see ACCESSORIES & RELATED PRODUCTS
	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: 1.920 Tbps
	Throughput: 2,857 Mpps
	Latency for 10G RJ-45: <2.65µs
	Latency for 10G SFP+: <0.89µs
	Acoustic Noise (ANSI-S10.12) @ 25°C ambient (77°F): 35.8dB (no PoE); 66.8dB (max PoE)
	Heat Dissipation w/1 PSU, no PoE: 2145.82 BTU/hr
	Heat Dissipation w/2 PSU, and max PoE (1,440W): 7,605.15 BTU/hr
Power	Mean Time Between Failures (MTBF) @ 25°C ambient (77°F): 519,784 hours (~59.3 years)
	Mean Time Between Failures (MTBF) @ 50°C ambient (131°F): 196,635 hours (~22.4 years)
	Source: 600W or 1200W modular power supply (sold separately)
	Consumption w/no PoE: 566W max
	Consumption w/PoE: 2,006W max
Enclosure	Size: 19" (W) x 2U (H)
	Cooling: Fan
Accessories	Included Two regular (short) brackets and screws for two-post rack mount (for front posts)
Product Dimensions	53.50cm x 44.00cm x 8.80cm (21.06" x 17.32" x 3.46") W, D, H
Product Weight	11.8kg (25.9lbs) approx

Shipping Dimensions 71.80cm x 59.50cm x 25.00cm (28.27" x 23.43" x 9.84") W, D, H

Shipping Weight 17.1kg (37.8lbs) approx