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M4300-16X (299W-PSU)

NETGEAR 16-Port 10GBASE-T PoE+
Managed Switch for Small KDS-8 Copper
Deployments



M4300-16X (299W-PSU) is a NETGEAR 16-port managed switch for small KDS-8 AV over IP copper deployments. It features 10GBASE-T with PoE+ (copper RJ-45) and includes a 299W power supply unit

TECHNICAL SPECIFICATIONS

Ports	16 100M/1G/2.5G/5G/10GBASE-T with PoE+: On RJ-45 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: 238 Mpps Latency: 2.470µs Acoustic Noise (ANSI-S10.12) @ 25°C ambient (77°F): 35 dB Heat Dissipation without PoE: 186 BTU/hr Heat Dissipation with max PoE: 1,053.43 BTU/hr Mean Time Between Failures (MTBF) @ 25°C ambient (77°F): 690,301 hours (~78.8 years) Mean Time Between Failures (MTBF) @ 50°C ambient (131°F): 207,500 hours (~23.7 years)
Power	Source: 299W-PSU Consumption without PoE: 49W max Consumption with max PoE 199W: 308.7W max NOTE: Consumption specifications are worst case, all ports used, full PoE, line-rate traffic
Enclosure	Size: ½ 19" (W) x 1U (H) Cooling: Fan



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CONFIGURATIONS

M4300-16X(299W-PSU)/US/EMEA	NETGEAR 16-Port 10GBASE-T PoE+ Managed Switch for US and EMEA (Europe, Middle East and Africa) Regions
M4300-16X(299W-PSU)/APAC	NETGEAR 16-Port 10GBASE-T PoE+ Managed Switch for APAC (Asia Pacific) Regions
