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

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