TP-Link TL-SG1218MP

18-Port Gigabit Rackmount Switch with 16 PoE+ · Specification summary



Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.1q, IEEE 802.1p
Interface	16× PoE+ gigabit RJ45 ports; 2× gigabit non-PoE RJ45 ports; 2× combo gigabit SFP slots
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m); EIA/TIA-568 100Ω STP (maximum 100m); 100BASE-TX: UTP category 5, 5e cable (maximum 100m); EIA/TIA-568 100Ω STP (maximum 100m); 1000BASE-T: UTP category 5, 5e, 6 or above cable (maximum 100m); EIA/TIA-568 100Ω STP (maximum 100m); 1000BASE-X MMF, SMF
Fan Quantity	2
Hardware Features (supported)	Physical Security Lock
Power Supply	100–240 VAC, 50/60 Hz
PoE Ports (RJ45)	Standard: 802.3at/802.3af compliant; PoE Ports: Ports 1–16; PoE Power Budget: 250 W
Dimensions (W × D × H)	17.3 × 7.1 × 1.73 in (440 × 180 × 44 mm)
Mounting	Rack Mountable
Max. Power Consumption	21.4 W (220/50 Hz. no PD connected); 286.64 W (220/50 Hz. with 250 W PD connected)
Max. Heat Dissipation	72.97 BTU/h (no PD connected); 977.44 BTU/h (with 250 W PD connected)
Packet Buffer Memory	4.1 Mbit
Jumbo Frame	10 KB
Switching Capacity	36 Gbps
Packet Forwarding Rate	26.78 Mbps
MAC Address Table	8K
Certification	CE, FCC
Package Content	TL-SG1218MP; Installation Guide; Power Cord; Rackmount Kit; Rubber Feet
Environment	Operating Temperature: 0–50 °C (32–122 °F); Storage Temperature: -40–70 °C (-40–158 °F); Operating Humidity: 10–90% RH non-condensing; Storage Humidity: 5–90% RH non-condensing

Specifications are summarised from the manufacturer's published information (checked 2026-11-02). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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