

# 18-Port Gigabit Rackmount Switch with 16-Port PoE+

MODEL: TL-SG1218MP



## Overview

TL-SG1218MP is an 18-port Gigabit Desktop/Rackmount Switch with 16 PoE+ ports. It provides a simple way to expand a wired network by transferring power and data over a single Ethernet Cable. With a total power budget of 250 W\*, up to 30 W per port, TL-SG1218MP can power more high-powered devices such as wireless Access Points (APs), IP Cameras or IP Phones. Moreover, with innovative energy-efficient technology, TL-SG1218MP can save power consumption, making it an eco-friendly solution for your business network.

# Power over Ethernet for Simplified Network Deployment

- Features 16 802.3af/at compliant PoE+ ports, with a total PoE power budget of 250 W\*
- Flexible deployment for PoE supported devices such as wireless access points (APs), IP cameras and IP phones
- Designed to use a single Ethernet cable for both data and power transmission, lowering infrastructure costs

## Gigabit Expansion Solution

- 18 10/100/1000 Mbps ports provide up to 36 Gbps Switching Capacity.
- 10 KB Jumbo Frame improves performance of large data transfer.
- IEEE 802.3x flow control provides reliable data transfer.

## Highlight Performance


- 802.1p and DSCP QoS ensure smooth traffic.
- Durable metal casing and professional heat dissipation design ensure a wide operating temperature range (0 °C–50°C )

## Easy to Use

- Just plug & play, no configuration required
- Auto MDI/MDIX eliminates the need for crossover cables.
- Auto-negotiation intelligently adjusts for compatibility and optimal performance.

# Specifications

## Hardware Features & Performance

Product Picture		
Model		TL-SG1218MP
General	Interfaces	18 10/100/1000Mbps RJ45 Ports 2 Gigabit Combo SFP Slots
PoE	PoE Standard	802.3 af/at
	PoE Ports	16, up to 30 W Per Port
	PoE Power Budget	250 W*
Performance	Switching Capacity	36 Gbps
	Packet Forwarding Rate	26.78 Mpps
	Max Address Table	8 K
	Packet Buffer	4.1 Mbit
	Jumbo Frame	10 KB
Physical & Environment	Power Supply	100-240V AC, 50/60Hz
	Maximum Power Consumption (220V/50Hz)	21.41 W (220V/50Hz. no PD connected) 286.64 W (220V/50Hz. with 250W PD connected)
	Maximum Heat Dissipation	73.01 BTU/h (no PD connected) 977.44 BTU/h (with 192 W PD connected)
	Dimensions (W×D×H)	17.3 × 7.1 × 1.7 in. (440 × 180 × 44 mm)
	FAN Quantity	2
	Operating Temperature	0°C~50°C (32°F~122°F)
	Storage Temperature	-40°C~70°C (-40°F~158°F)
	Operating Humidity	10% ~ 90%RH, non-condensing
	Storage Humidity	5%~90%RH, non-condensing
	Certification	CE, FCC

\* PoE budget calculations are based on laboratory testing. Actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.

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