# 2.5G Multi-Gigabit Unmanaged Switch

MODELS: TL-SG108-M2/TL-SG105-M2

## Overview

With the development of new Wi-Fi 6 technologies and the upgrade of electronic devices such as household storage devices and PCs, front-end wired devices require more bandwidth and better network performance.

2.5G Multi-Gigabit Switch TL-SG105-M2 and TL-SG108-M2 are newly launched 2.5G unmanaged switches by TP-Link, both of which achieve 2.5GbE connectivity and provide affordable 2.5G network upgrade plans for customers based on the current Cat5e network.

The 2.5G ports support automatic negotiation to 100M/1G/2.5G according to the type of connected device and provide sufficient bandwidth to unlock the highest performance of 2.5G/Multi-Gigabit devices, including 2.5G NAS, a personal workstation, 8K video stream, and 2.5G Wi-Fi 6 AP.

# Highlight

## Super-Fast Connections

Provides super-fast connections to 2.5G NAS, Server, 2.5G PCIe Adapter/ NIC, gaming computer, 2.5G WiFi 6 AP, 4K video, and more.

## Optimal 3-Speed Connections

Auto-negotiation for 100Mbps/1G/2.5G connections provide optimal performance.

## Hassle-Free Cabling

Instantly upgrade to 2.5Gbps without the need to upgrade to Cat6 wiring, reducing wiring costs and hassle.

## Ideal for Various Scenarios

Built for super-fast connections in LAN parties, home entertainment, home and business offices, and instant transfer for the workstation.

## Silent Operation

Industry-leading fanless design ensures silent operation, ideal for any home and business.

## Plug and Play

Allows for easy deployment without the need for a technician.

## Metal Casing

Durable metal casing and desktop/wall mounting design are well-suit for different environments.

# Specifications

## Hardware Features & Performance

| Product Picture |  |  |
|---|---|---|
| Model | TL-SG105-M2 | TL-SG108-M2 |
| **General** — Interface | 5 * 100Mbps/1G/2.5G Auto-Negotiation, Auto MDI/MDI-X | 8 * 100Mbps/1G/2.5G Auto-Negotiation, Auto MDI/MDI-X |
| **Performance** — Switching Capacity | 25 Gbps | 40 Gbps |
| Packet Forwarding Rate | 18.6 Mpps | 29.8 Mpps |
| MAC Address Table | 16K | |
| Packet Buffer | 1.5 Mbit | |
| Transfer Method | Store and Forward | |
| Jumbo Frame | 10K | |
| Advance Features | 802.3x flow control 802.1p/DSCP QoS | |
| **Physical & Environmet** — Power Supply | 12 V/1 A Adapter | 12 V/1.5 A Adapter |
| Max Power Consumption | 12.11 W | 15.65 W |
| Max Heat Dissipation | 41.32 BTU/hr | 53.40 BTU/hr |
| Dimensions (W x D x H) | 209×126×26 mm | 226 * 131* 35mm |
| Fan Quantity | Fanless | |
| Installation | Desktop/Wall Mounting | |
| Operating Temperature | 0 °C to 40 °C (32 °F to 104 °F) | |
| Storage Temperature | -40 °C to 70 °C (-40 °F to 158 °F) | |
| Operation Humidity | 10% to 90% RH, non-condensing | |
| Storage Humidity | 5% to 90% RH, non-condensing | |
| Certification | CE, FCC, RoHS | |

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