



tp-link

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 | 4K | |
| | Transfer Method | Store and Forward | |
| | Jumbo Frame | 12K | |
| | Advance Features | 802.3x flow control 802.1p/DSCP QoS | |
| Physical & Environmet | Power Supply | 12 V/1 A Adapter | |
| | Max Power Consumption | 5.16 W | 8.45 W |
| | Max Heat Dissipation | 17.60 BTU/hr | 28.83 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 | |

Specifications are subject to change without notice. All the brands and product names are trademarks or registered trademarks of their respective holders. © 2023 TP-Link