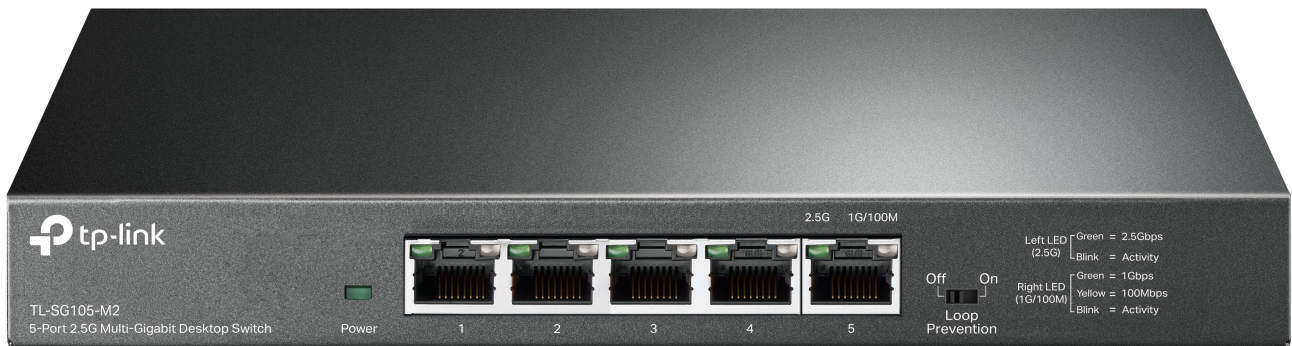# Unmanaged Switch | Datasheet

TL-SG105-M2
5-Port 2.5G Multi-Gigabit Desktop Switch

Highlights

- **Five 2.5 Gbps Ports.** 5× 2.5-Gigabit ports unlock the highest performance of your Multi-Gig bandwidth and devices, and provide up to 25 Gbps of switching capacity.

- **Super-Fast Connections.** Provides super-fast connections to 2.5G NAS, 2.5G Server, gaming computer, 2.5G WiFi 6/6E/7 AP, 4K video, and more.

- **Ideal for Various Scenarios.** Built for LAN parties, home entertainment, small and home offices, and instant transfer for workstations.

- **Loop Prevention.** Ensures a stable and reliable network by automatically detecting and blocking network loops.

- **Hassle-Free Cabling.** Instantly upgrade to 2.5 Gbps without the need to upgrade to Cat6 wiring, reducing wiring costs and hassle.

- **Silent Operation.** Industry-leading fanless design ensures silent operation, ideal for any home or 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-suited for different environments.

Specifications

Model	TL-SG105-M2
Hardware Features	Standards and Protocols	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3bz, IEEE802.3x, IEEE802.1p
	Interface	5× 100Mbps/1Gbps/2.5Gbps Ports Auto Negotiation, Auto MDI/MDI-X
	Fan Quantity	Fanless
	External Power Supply	External power adapter (Output: 9 VDC / 0.6 A)
	LED	• Power • Link/Act Indicators
	Dimensions (W x D x H)	8.2 × 4.9 × 1.0 in (209 × 126 × 26 mm)
	Installation	Desktop/Wall mounting
	Max Power Consumption	5.64 W
	Max Heat Dissipation	19.18 BTU/h
Performance	Switching Capacity	25 Gbps
	Packet Forwarding Rate	18.6 Mpps
	MAC Address Table	4 K
	Packet Buffer Memory	8 Mbit
	Jumbo Frame	12 KB
Software Features	Advanced Features	• Loop Prevention • 802.3X Flow Control • 802.1p/DSCP QoS • IGMP Snooping
	Transmission Method	Store and Forward
Others	Certifications	CE, FCC, RoHS
	Package Content	• 5-Port 2.5G Multi-Gigabit Desktop Switch TL-SG105-M2 • Power Adapter • Installation Guide • Rubber Feet
	Environment	• Operating Temperature: -5–40 °C (23–104 °F) • Storage Temperature: -40–70 °C (-40–158 °F) • Operating Humidity: 10–90% RH non-condensing • Storage Humidity: 5–90% RH non-condensing

Disclaimers

Only Cat5e or better cables do not need to be replaced.