



Unmanaged Switch | Datasheet

TL-SG105S-M2

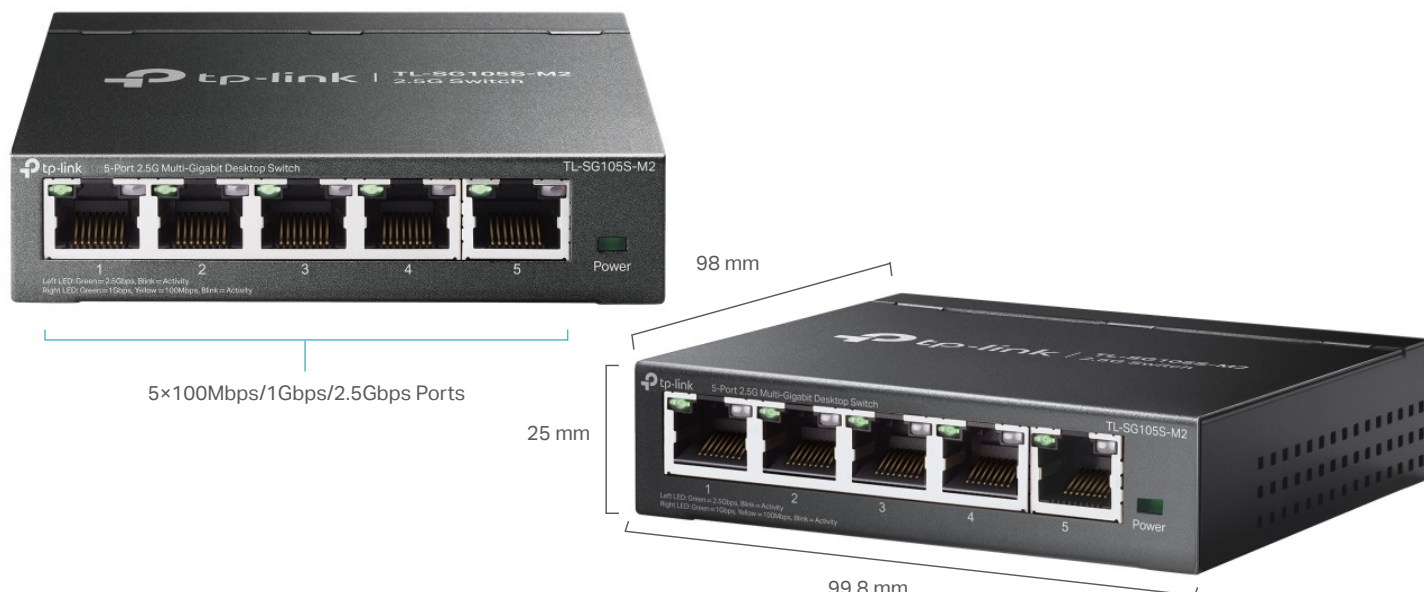
5-Port 2.5G Multi-Gigabit Desktop Switch



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.

Product Pictures



Specifications

Model		TL-SG105S-M2
Hardware Features	Standards and Protocols	802.3u, 802.3ab, 802.3x, 802.1p, 802.3bz
	Interface	5x 100Mbps/1Gbps/2.5Gbps Ports AUTO Negotiation, AUTO MDI/MDIX
	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)	3.9 × 3.9 × 1.0 in (99.8 × 98 × 25 mm)
	Max Power Consumption	5.67 W
	Max Heat Dissipation	19.28 BTU/h
Performance	Switching Capacity	25 Gbps
	Packet Forwarding Rate	18.6 Mpps
	MAC Address Table	4K
	Jumbo Frame	12 KB
	Mean Time Between Failures	Without power supply adapter at 25°C: 638135 hours With power supply adapter at 25°C: 419669 hours Without power supply adapter at 40°C: 343615 hours With power supply adapter at 40°C: 221617 hours

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
	Package Content	• 5-Port 2.5G Multi-Gigabit Desktop Switch TL-SG105S-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.