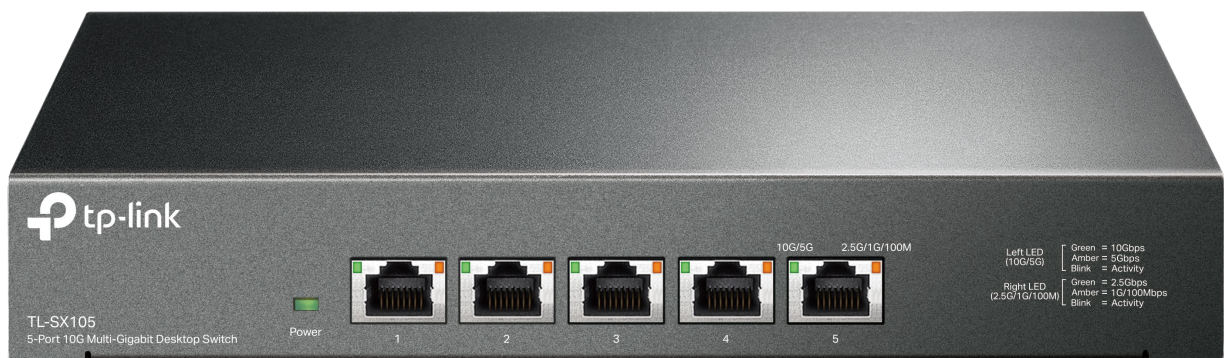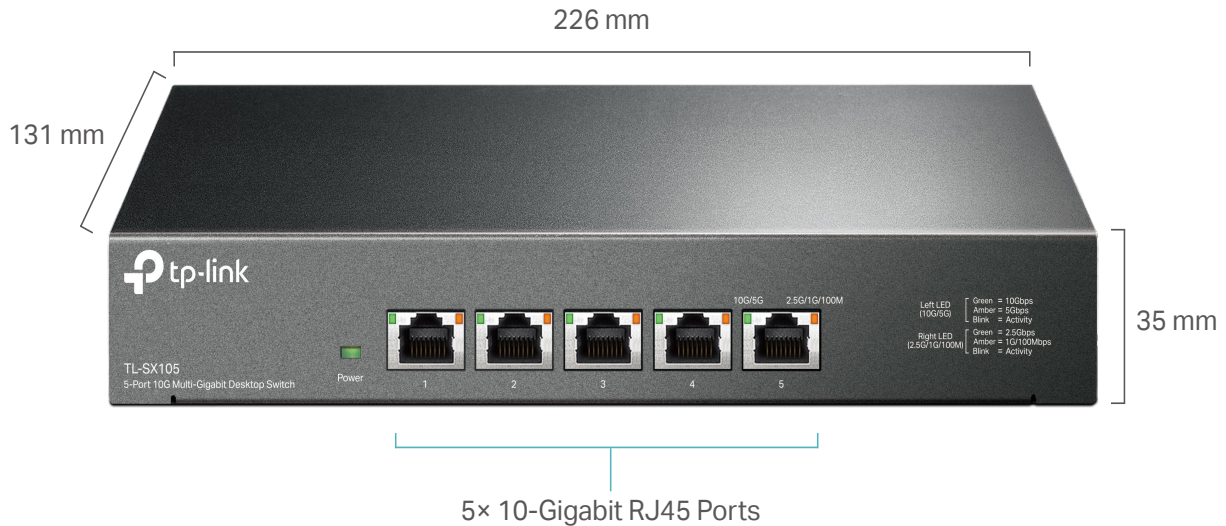# tp-link

Unmanaged Switch | Datasheet

TL-SX105
5-Port 10G Multi-Gigabit Desktop Switch

Highlights

- **Five 10 Gbps Ports.** 5× 10-Gigabit ports unlock the highest performance of your 10G/Multi-Gig bandwidth and devices, and provide up to 100 Gbps of switching capacity.
- **Lightning-Fast Connections.** Provides lightning-fast connections to 10G NAS, Server, 10G PCIe Adapter/ NIC, gaming computer, 2.5G/5G/10G WiFi 7/6E/6 AP, 8K video, and more.
- **Ideal for Various Scenarios.** Built for lightning-fast connections in LAN parties, home entertainment, small and home offices, and workstations.
- **Optimal 5-Speed Connections.** Auto-negotiation for 5-speed (100Mbps/1G/2.5G/5G/10G) connections provide optimal performance.
- **Silent Operation.** The revolutionary fanless design ensures unprecedented silent operation, ideal for any home or business.
- **Durable Metal Casing.** Durable metal casing, desktop/wall-mounting, and professional heat dissipation design are well suited for different environments.
- **Plug and Play.** Allows for easy deployment without the need for a technician.

Product Pictures

226 mm

131 mm

35 mm

TL-SX105
5-Port 10G Multi-Gigabit Desktop Switch

Power

10G/5G   2.5G/1G/100M

Left LED (10G/5G): Green = 10Gbps / Amber = 5Gbps / Blink = Activity
Right LED (2.5G/1G/100M): Green = 2.5Gbps / Amber = 1G/100Mbps / Blink = Activity

5× 10-Gigabit RJ45 Ports

Specifications

Model	TL-SX105
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3an, IEEE 802.3x, IEEE 802.1p
Interface	• 5 × 100Mbps/1Gbps/2.5Gbps/5Gbps/10Gbps RJ45 Ports • AUTO Negotiation/AUTO MDI/MDIX
Network Media	• 100BASE-TX: UTP category 5 or above cable (maximum 100m) • 1000BASE-T/2.5GBASE-T/5GBASE-T: UTP category 5e or above cable (maximum 100 m) • 10GBASE-T: UTP category 6 (maximum 55 m), STP category 6/6a/7 (maximum 100 m)
External Power Supply	External Power Adapter (Output: 12 VDC / 2.0 A)
Max Power Consumption	24.44 W
Max Heat Dissipation	83.10 BTU/h
MTBF	262829.91h @ 25℃
Fan Quantity	Fanless
Transmission Method	Store-And-Forward
Switching Capacity	100 Gbps
MAC Address Table	16K
Packet Forwarding Rate	74.4 Mpps
Packet Buffer Memory	12 Mbit
Jumbo Frame	12 KB
Advanced Features	• 802.3X Flow Control • 802.1p/DSCP QoS • IGMP Snooping V1/V2/V3
Dimensions (W x D x H)	8.9×5.2×1.4 in (226*131.2*35 mm)
Environment	• Operating Temperature: 0–40 ℃ (32–104 °F) • Storage Temperature: -40–70 ℃ (-40–158 °F) • Operating Humidity: 10–90% RH non-condensing • Storage Humidity: 5–90% RH non-condensing
Certification	FCC, CE, RoHS
Package Contents	Switch, Power Cord, Installation Guide, Rubber Feet