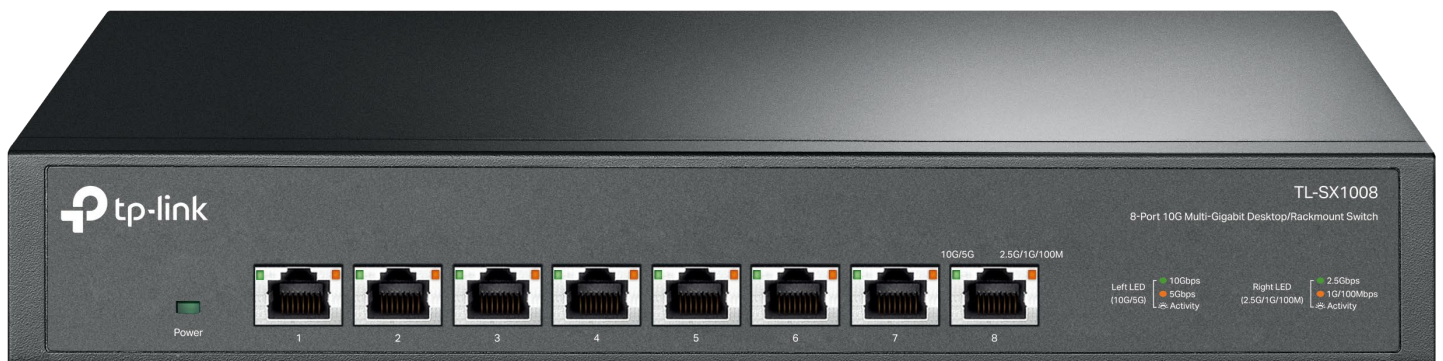


# Unmanaged Switch | Datasheet

## TL-SX1008

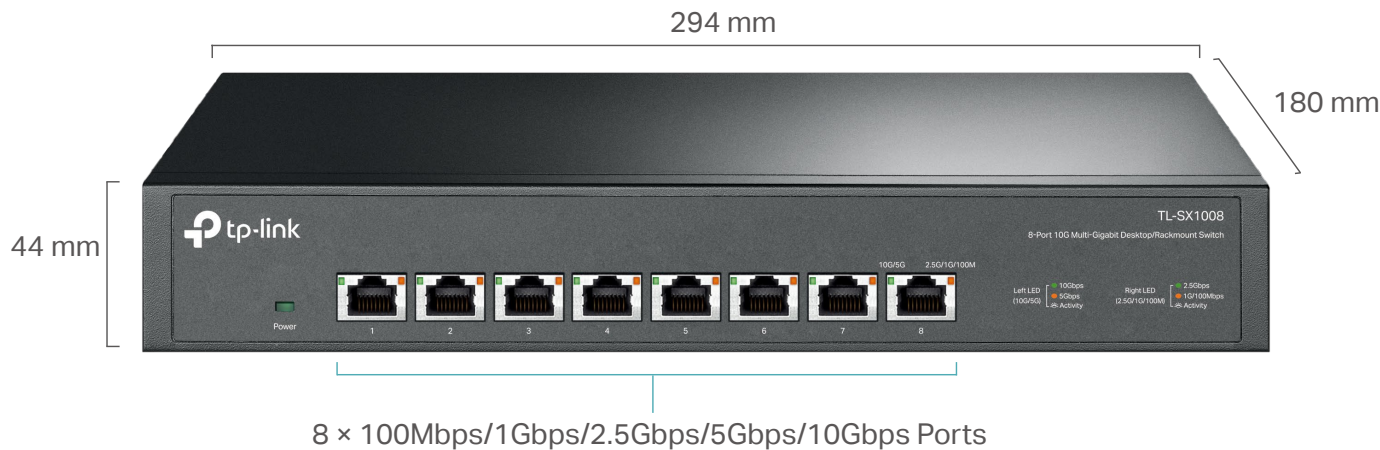
8-Port 10G Multi-Gigabit Desktop/Rackmount Switch



## Highlights

- **Eight 10 Gbps Ports.** 8× 10-Gigabit ports unlock the highest performance of your 10G/Multi-Gig bandwidth and devices, and provide up to 160 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 business and home offices, workstations, LAN parties, and home entertainment.
- **Optimal 5-Speed Connections.** Auto-negotiation for 5-speed (100Mbps/1G/2.5G/5G/10G) connections provide optimal performance.
- **Wide Operation Temperature.** Durable metal casing and a heat dissipating design guarantee a wide operation temperature (0–50 °C ).
- **Plug and Play.** Allows for easy deployment without the need for a technician.

# Product Pictures



# Specifications

Model	TL-SX1008
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3an, IEEE 802.3x, IEEE 802.1p
Interface	<ul style="list-style-type: none"><li>• 8x 100Mbps/1Gbps/2.5Gbps/5Gbps/10Gbps Ports</li><li>• AUTO Negotiation/AUTO MDI/MDIX</li></ul>
Network Media	<ul style="list-style-type: none"><li>• 100BASE-TX: UTP category 5 or above cable (maximum 100m)</li><li>• 1000BASE-T/2.5GBASE-T/5GBASE-T: UTP category 5e or above cable (maximum 100m)</li><li>• 10GBASE-T: UTP category 6 (maximum 55 m), STP category 6/6a/7 (maximum 100 m)</li></ul>
External Power Supply	100–240 VAC, 50/60 Hz, 0.8A
Max Power Consumption	34.6 W
Max Heat Dissipation	117.64 BTU/h
MTBF	3768170h @ 25°C
Fan Quantity	1
Noise	Min: 33.9 dBA @ 1m 25 °C Max: 35.3 dBA @ 1m 25 °C
Transmission Method	Store-And-Forward
Switching Capacity	160 Gbps
MAC Address Table	16K
Packet Forwarding Rate	119.04 Mpps
Packet Buffer Memory	12 Mbit
Jumbo Frame	12 KB
Advanced Features	<ul style="list-style-type: none"><li>• 802.3X Flow Control</li><li>• 802.1p/DSCP QoS</li><li>• IGMP Snooping V1/V2/V3</li></ul>
Dimensions ( W x D x H )	11.6×7.1×1.7 in (294×180×44 mm)
Certification	FCC, CE, RoHS
Package Contents	Switch, Power Cord, Installation Guide, Rackmount Kit, Rubber Feet
Environment	<ul style="list-style-type: none"><li>• Operating Temperature: 0–50 °C (32–122 °F)</li><li>• Storage Temperature: -40–70 °C (-40–158 °F)</li><li>• Operating Humidity: 10–90% RH non-condensing</li><li>• Storage Humidity: 5–90% RH non-condensing</li></ul>