10G Multi-Gigabit Unmanaged Switch

MODELS: TL-SX105/TL-SX1008



Overview

Nowadays, ISPs in many areas have started offering Multi-Gig internet access, and the wireless world moves fast into the WiFi 6 and 5G era. Additionally, the faster 10G is also coming to home electronic equipment like storage devices and PCS, device with the speed of 2.5G/5G/10G will gradually become the mainstream products in the small office and home scenarios in the near future.

10G, short for 10 Gigabit Ethernet, is a group of technologies for an ultra-fast wired network that transmits data frames at a rate of 10 billion bits per second. For the last decade or so, we have witnessed advanced computers and drivers that read files at 10 Gbps speed; however, we are still stuck with 1G or 0.1G networks, which can easily feel like a bottleneck between devices. When inter-devices transferring quickly reach the limits of your network, 10G is the answer.



As the flagship 10G product, TP-Link's TL-SX1008 and TL-SX105 are the newest 10G unmanaged switches with 8× 10GE and 5× 10GE ports, respectively, aiming to provide powerful and lightning-fast wired connections. Auto-negotiation 5-speed (100Mbps/1G/2.5G/5G/10G) connections sense the link speeds and intelligently adjust for compatibility and optimal performance for all the devices, including 10G NAS, 10G server, workstation, 10G PCIe Adapter/ NIC, gaming computer, 2.5G/5G/10G WiFi 6 AP, 8K video, desktop, and more. The revolutionary fanless design of TL-SX105 and intelligent fan speed adjustment of TL-SX1008 ensure quiet operation, ideal for any home or business.

Besides, reliable connections and the lowest possible latency make it ideal for business and home offices, LAN parties, home entertainment, workstations, gaming, and more.

Highlight

Lightning-Fast Connections

Up to 160 Gbps of switching capacity. Provides lightning-fast connections to 10G NAS, Server, 10G PCIe Adapter/ NIC, gaming computer, 2.5G/5G/10G WiFi 6 AP, 8K video, and more.

Optimal 5-Speed Connections

Auto-negotiation for 5-speed (100Mbps/1G/2.5G/5G/10G) connections to provide optimal performance.

Ideal for Various Scenarios

Built for lightning-fast connections in business and home offices, workstations, LAN parties, and home entertainment.

Plug and Play

Easy deployment without the need for a technician.

Flexible Deployment Options

The versatile mounting system gives you the flexibility to place the device on a desktop, mount it on the wall (TL-SX105), or in a rack (TL-SX1008).

Quiet Operation

The revolutionary fanless design of TL-SX105 and intelligent fan speed adjustment of TL-SX1008 ensure quiet operation, ideal for any home or business.

Specifications

Hardware Features & Performance

Product Picture			
Model		TL-SX105	TL-SX1008
General	Interface	5*100Mbps/1G/2.5G/5G/10G Auto Negotiation/Auto MDI/MDI-X	8*100Mbps/1G/2.5G/5G/10G Auto Negotiation/Auto MDI/MDI-X
Performance	Switching Capacity	100 G	160 G
	Packet Forwarding Rate	74.4 Mpps	119 Mpps
	MAC Address Table	32K	
	Packet Buffer	16 Mbit	
	Transfer Method	Store-and-Forward	
	Jumbo Frame	10K	
Physical & Environmet	Power Supply	12V/2A Adapter	100-240V/0.8A
	Max Power Consumption	27.31 W	37.07 W
	Max Heat Dissipation	93.13 BTU/hr	126.41 BTU/hr
	Dimensions (W x D x H)	226×131×35 mm	294×180×44 mm
	Fan Quantity	Fanless	1 Adjustment Fan
	Installation	Desktop/Wall Mounting	Desktop/Rackmount
	Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 50 °C (32 °F to 122 °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	

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