

NET-TL-SG1008

TP-Link TL-SG1008 8 Port Gigabit Desktop / Rackmount Switch

Product Overview

TP-Link TL-SG1008 8 Port Gigabit Desktop / Rackmount Switch, 8x Gigabit RJ45 Ports, Fanless, 13" or 19" Rack mountable, 16Gbps switching capacity



Specifications

Overview Summary:

The TP-Link TL-SG1008 8-Port Gigabit Switch offers exceptional networking performance with 8 auto-sensing Gigabit Ethernet ports. Perfect for both desktop and rackmount setups, this switch is ideal for businesses and home offices in South Africa looking to improve their network's speed and reliability. Featuring a non-blocking architecture and 16Gbps switching capacity, it ensures fast data transfers even in high-traffic environments. With eco-friendly, energy-efficient features, it adjusts power usage based on network activity, saving you both energy and money. Whether you need to expand your network or optimize an existing one, this switch is plug-and-play, easy to install, and offers long-term reliability.

Performance tier: High-speed Gigabit

Uses: Home office networking, small business networking, enterprise setups, server rack installations, energy-efficient network solutions

Overview:

TP-Link TL-SG1008 8-Port Gigabit Desktop/Rackmount Switch

The TP-Link TL-SG1008 is a versatile and reliable 8-port gigabit switch designed for both desktop and rackmount installation. It offers seamless, high-performance networking with a compact design, making it an ideal solution for home offices, small businesses, and enterprise environments. Supporting 8 Gigabit Ethernet ports, it ensures smooth and efficient data transmission, whether used as a standalone desktop switch or mounted in a server rack.

Description:

The TP-Link TL-SG1008 switch delivers superior performance with its 8 auto-sensing Gigabit ports. It automatically adjusts to optimize network speeds and supports energy-efficient technology, helping to reduce power consumption. With a 16Gbps switching capacity, this switch ensures fast and reliable data transfers for your network. Additionally, its compact size and

rackmount compatibility offer installation flexibility, making it a perfect fit for various setups. The TL-SG1008 is also designed to reduce environmental impact, featuring power-saving technologies and recyclable packaging.

Features:

Key Benefits of the TL-SG1008 Switch

- **Seamless Gigabit Performance:** With 8 Gigabit Ethernet ports, this switch ensures smooth, high-speed network connections for all your devices.
- **Eco-Friendly and Energy-Efficient:** TP-Link's green technology adjusts power usage based on cable length and link status, reducing the carbon footprint.
- **Flexible Installation:** The switch is designed for both desktop and rackmount use, providing options for different spaces.
- **Easy Setup and Use:** Plug-and-play installation requires no configuration, while auto-sensing ports eliminate the need for crossover cables.
- **Advanced Network Management:** Includes support for QoS, which helps prioritize latency-sensitive traffic, ensuring stable performance for VoIP and streaming.

High-Speed Networking with Non-Blocking Architecture

The TL-SG1008 features a non-blocking wire-speed architecture, providing an impressive 16Gbps switching capacity. This high throughput ensures that your network can handle large amounts of data without slowing down, making it perfect for fast-paced business environments or data-intensive applications. The built-in 4K MAC address table offers ample scalability for larger networks, while support for 802.3x Flow Control ensures reliable data transmission, even during high-traffic periods.

Energy-Saving Technology for Sustainable Networking

This gigabit switch incorporates TP-Link's innovative energy-saving features. By automatically adjusting power consumption based on factors like cable length and network activity, it helps to lower your operational costs while minimizing environmental impact. The TL-SG1008 also meets EU RoHS standards, ensuring it's free from hazardous materials and using recyclable packaging.

Reliable, Plug-and-Play Setup

Setting up the TL-SG1008 is quick and easy, with no configuration needed. Its auto MDI/MDI-X capability ensures that you can connect devices using standard Ethernet cables without worrying about cable types. The switch's auto-negotiation feature adapts to varying network speeds (10, 100, or 1000 Mbps) to maintain optimal performance and compatibility with a wide range of devices. Whether used as a desktop switch or rackmounted in a server cabinet, it's a space-saving solution with minimal setup required.

Ideal for Growing Networks

The TP-Link TL-SG1008 switch supports expanding networks by offering scalable performance. With its 16Gbps switching capacity, 8 gigabit ports, and intelligent traffic management features, it provides reliable and high-speed connectivity for growing business needs. Whether for office networking or home office setups, this switch ensures uninterrupted and efficient network performance.

Compact and Versatile Design

Measuring just 13 inches in length, the TL-SG1008 can fit easily on desktops or be mounted in a 19-inch server rack using the included bracket. Its fanless design ensures silent operation, making it suitable for noise-sensitive environments. The dynamic LED lights on the front panel provide real-time status updates, making it easy to monitor the switch's performance and identify any issues.

Conclusion

The TP-Link TL-SG1008 8-Port Gigabit Desktop/Rackmount Switch combines performance, energy efficiency, and ease of use, making it an excellent choice for small to medium-sized businesses and home office setups. Whether you need to expand your network or optimize your current infrastructure, this switch offers high-speed connectivity, eco-friendly features, and hassle-free installation.

Specifications:

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Specifications	
Product Code	NET-TL-SG1008
HARDWARE FEATURES	
Standards and Protocols	IEEE 802.3i
	IEEE 802.3u
	IEEE 802.3ab
	IEEE 802.3x
	IEEE 802.1p
Interface	8 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX)
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)
	100BASE-TX/1000BASE-T: UTP category 5, 5e or above cable (maximum 100m)
Fan Quantity	Fanless
Power Supply	100-240VAC, 50/60Hz
Max. Power Consumption	Maximum: 4.1W
Dimensions (W x D x H)	11.6 x 7.1 x 1.7 in.
	(294 x 180 x 44 mm)
Mounting	13" or 19" Rack Mountable
Max. Power Consumption	4.3W
Max. Heat Dissipation	14.67BTU/h
PERFORMANCE	
Switching Capacity	16Gbps
Packet Forwarding Rate	11.9Mpps
MAC Address Table	4K
Jumbo Frame	16KB
Transmission Method	Store-and-Forward
SOFTWARE FEATURES	
Advanced Features	MAC address auto-learning and auto-aging
	IEEE802.3x Flow control
	802.1p/DSCP QoS
OTHERS	
Certification	FCC, RoHS

ComX Computers

Product Specification Sheet

Package Content	8-Port Gigabit Desktop Switch
	Power Cord
	Installation Guide
	Rackmount kit
	Rubber Feet
Environment	Operating Temperature: 0degreesC~40degreesC (32degreesF~104degreesF)
	Storage Temperature: -40degreesC~70degreesC (-40degreesF~158degreesF)
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/NET-TL-SG1008-TP-Link-TL-SG1008-8-Port-Gigabit-Desktop-Buy-p-331447.php>

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