# TP TL-SG1008D

TP-Link TL-SG1008D 8-Port Gigabit Desktop Switch

## Product Overview

TP-Link TL-SG1008D 8-Port Gigabit Desktop Switch; 8 x RJ45 ports; 10/100/1000Mbps; 16Gbps switching capacity; 4K MAC address table; 15KB jumbo frame; Auto MDI/MDIX; IEEE 802.3x flow control; Green Ethernet; Fanless; Plug and Play; Desktop or wall mounting











## Specifications

### About this product

The TP-Link TL-SG1008D 8-Port Gigabit Desktop Switch is an easy-to-use network expansion solution for homes, offices and small businesses. Featuring 8 Gigabit Ethernet ports supporting speeds of up to 1000Mbps, automatic speed negotiation and energy-efficient Green Ethernet technology, it provides reliable wired connectivity for computers, printers, network storage and other Ethernet devices. Its plug-and-play installation, fanless operation and desktop or wall-mounting design make it a practical choice for expanding your wired network. Buy the TP-Link TL-SG1008D online in South Africa for convenient Gigabit network connectivity.

### Overview Summary

**TP-Link TL-SG1008D 8-Port Gigabit Desktop Switch**

Expand your wired network with the TP-Link TL-SG1008D, an unmanaged Gigabit Ethernet switch featuring 8 x 10/100/1000Mbps RJ45 ports. It allows multiple wired devices to connect through a single network connection, making it suitable for home networks, office workstations and small business environments.

Each port supports automatic speed negotiation and Auto MDI/MDIX, simplifying installation and eliminating the need for crossover cables. IEEE 802.3x flow control helps maintain reliable data transmission, while the energy-efficient Green Ethernet technology automatically adjusts power consumption according to network link status and cable length.

The compact plastic housing supports desktop placement or wall mounting. Its fanless design provides silent operation, while plug-and-play functionality means no complicated network configuration is required.

**Performance tier:**Entry-level Gigabit Ethernet networking

**Uses:**Home networking, office networking, wired computer connections, network printer sharing, NAS connectivity, network storage, multimedia file transfers, small business networks

### Description

The TP-Link TL-SG1008D is an 8-port Gigabit Ethernet desktop switch designed to expand wired network connectivity in homes, offices and small business environments. It provides eight Ethernet connections, allowing several network-enabled devices to communicate through an existing router or network infrastructure.

With support for 10Mbps, 100Mbps and 1000Mbps Ethernet connections, the switch accommodates different network devices through automatic speed negotiation. Gigabit connectivity supports faster transfers of large files across compatible network equipment, making it useful for workstations, multimedia applications and network storage environments.

Installation is straightforward thanks to its unmanaged, plug-and-play operation. Connect the switch to your existing network and attach compatible Ethernet devices using standard network cables. Auto MDI/MDIX automatically detects the connection requirements, eliminating the need to select specific uplink ports or use crossover cables.

TP-Link Green Ethernet technology helps reduce unnecessary power consumption by adjusting power usage according to connected link status and cable length. This makes the TL-SG1008D a practical option for networks where energy efficiency is an important consideration.

The compact plastic enclosure offers flexible installation, with desktop placement or wall mounting supported. Its fanless construction allows silent operation, making it suitable for workspaces, offices and home environments where noise should be kept to a minimum.

Whether you need additional wired Ethernet connections for computers, printers, network storage or other compatible devices, the TP-Link TL-SG1008D provides a simple way to expand your Gigabit network.

## Features

- 8 Gigabit Ethernet ports: Provides eight RJ45 Ethernet connections supporting 10Mbps, 100Mbps and 1000Mbps speeds for connecting multiple wired devices.
- Gigabit network performance: Supports high-speed data transfers across compatible network connections, helping improve access to shared files and network resources.
- Automatic speed negotiation: Each port automatically detects the connected device's supported Ethernet speed and adjusts accordingly.
- Auto MDI/MDIX: Automatically detects the connection type, eliminating the need for crossover cables.
- Green Ethernet technology: Adjusts power consumption according to network link status and cable length to help reduce energy usage.
- IEEE 802.3x flow control: Helps manage network traffic and provides reliable data transmission in supported full-duplex connections.
- Plug-and-play installation: No complicated configuration or network management is required. Simply connect the switch and compatible Ethernet devices.
- Fanless operation: Operates without a cooling fan, providing silent performance for home and office environments.
- Flexible installation: The compact plastic housing supports desktop placement or wall mounting.
- 15 KB jumbo frame support: Supports larger Ethernet frames to improve efficiency when transferring large amounts of data on compatible networks.

**What This Product Does**
The TP-Link 8-Port Gigabit desktop switch TL-SG1008D provides you an easy way to make the transition to Gigabit Ethernet. Increase the speed of your network server and backbone connections, or make Gigabit to the desktop a reality. Moreover, TL-SG1008D adopts lower power consumption design. With the innovative energy-efficient technology, the TL-SG1008D can save up to 80%* of the power consumption, making it an eco-friendly solution for your home or office network.

**Gigabit Switch**
Featured with 8 10/100/1000Mbps ports, TL-SG1008D greatly expands your network capacity, enabling instant large files transferring. So, power users in the home, office, workgroup, or creative production environment can now move large, bandwidth-intensive files faster. Transfer graphics, CGI, CAD, or multimedia files across the network instantly.

**Go Green With Your Ethernet**
You now have the choice to go green when upgrading to a gigabit network! This new generation TL-SG1008D 8-Port Gigabit Desktop Switch features the latest innovative energy-efficient technologies that can greatly expand your network capacity with much less power. It automatically adjusts power consumption according to the link status and cable length to limit the carbon footprint of your network.

**Power down Idle Ports**
When a computer or network equipment is off, the corresponding port of a traditional switch will continue to consume considerable amounts of power. The TL-SG1008D can automatically detect the link status of each port and reduce the power consumption of ports that are idle, resulting in up to an 80% reduction in power use.

**Power Budget According to Cable Length**
Ideally, shorter cable would use less power because of less power degradation over their length; this is not the case with most devices as they will use the same amount of power across the cable regardless of the length.

**Easy to Use**
The auto features of this gigabit switch make installation plug and play and hassle-free. No configuring is required. Auto MDI/MDIX eliminate the need for crossover cables. Auto-negotiation on each port senses the link speed of a network device (either 10, 100, or 1000 Mbps) and intelligently adjusts for compatibility and optimal performance.

## What's in the Box

- TP-Link TL-SG1008D 8-Port Gigabit Desktop Switch
- External power adapter
- Installation guide

## Specifications

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| Specifications | |
|---|---|
| **Product Code** | TP TL-SG1008D |
| **HARDWARE FEATURES** | |
| **Standards and Protocols** | IEEE 802.3i/802.3u/ 802.3ab/802.3x |
| **Interface** | 8 10/100/1000Mbps RJ45 Ports |
| | AUTO Negotiation/AUTO MDI/MDIX |
| **Fan Quantity** | Fanless |
| **Physical Security Lock** | No |
| **External Power Supply** | External Power Adapter (Output: 9VDC/0.6A) |
| **Jumbo Frame** | 15 KB |
| **Switching Capacity** | 16 Gbps |
| **Dimensions ( W x D x H )** | 7.1 * 3.5 * 1.0 in. (180 * 90 * 25.5 mm) |
| **Max. Power Consumption** | 4.63W(220V/50Hz) |
| **Max Heat Dissipation** | 15.80BTU/h |
| **SOFTWARE FEATURES** | |
| **Advanced Features** | Green Technology |
| | 802.3X Flow Control |
| | Back Pressure |
| | 802.1p/DSCP QoS (for V7 and later version) |
| **MAC Address Table** | 4K |
| **Transmission Method** | Store and Forward |
| **OTHERS** | |
| **Certification** | FCC, CE, RoHs |
| **Package Content** | 8-Port Gigabit Desktop Switch TL-SG1008D |
| | Power Adapter |
| | Installation Guide |
| **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 |

## FAQ

### What is the TP-Link TL-SG1008D used for?

The TP-Link TL-SG1008D expands an existing wired network by providing eight additional Gigabit Ethernet ports for connecting computers, printers, network storage devices and other Ethernet-enabled equipment.

### How many Ethernet ports does the TL-SG1008D have?

It has eight RJ45 Gigabit Ethernet ports, each supporting 10Mbps, 100Mbps and 1000Mbps connections.

### Does the TP-Link TL-SG1008D support Gigabit speeds?

Yes. All eight Ethernet ports support Gigabit speeds of up to 1000Mbps when connected to compatible network devices and cabling.

### Is the TL-SG1008D a managed or unmanaged switch?

The TL-SG1008D is an unmanaged Ethernet switch. It operates automatically without requiring manual network configuration or specialist management software.

### Is the TP-Link TL-SG1008D easy to install?

Yes. It features plug-and-play installation. Connect the switch to your existing network and attach your Ethernet devices. The switch automatically negotiates connection speeds.

### Can the TL-SG1008D be connected to a Wi-Fi router?

Yes. Connect one of its Ethernet ports to an available LAN port on your router. The remaining ports can then be used to connect additional wired network devices. The switch does not provide Wi-Fi functionality.

### Does the TL-SG1008D support automatic cable detection?

Yes. Auto MDI/MDIX automatically detects the Ethernet connection type, eliminating the need for crossover cables.

### Does the TP-Link TL-SG1008D require configuration?

No. It is a plug-and-play unmanaged switch and does not require manual configuration for normal network expansion.

### Is the TL-SG1008D silent during operation?

Yes. The fanless design allows the switch to operate without cooling fan noise, making it suitable for home and office environments.

### Can the TL-SG1008D be wall mounted?

Yes. Its housing supports both desktop placement and wall mounting, allowing flexible installation according to your network setup.

### Does the TL-SG1008D support energy saving?

Yes. TP-Link Green Ethernet technology adjusts power consumption according to network link status and cable length. TP-Link specifies power savings of up to 80% under certain operating conditions.

### Can I connect a network printer or NAS to the TL-SG1008D?

Yes. Network printers and NAS devices with compatible Ethernet connections can be connected to the switch to provide wired

network access.

## Product Information Online

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

**Product page:**
**https://www.comx-computers.co.za/TP-TL-SG1008D-TP-Link-TL-SG1008D-8-Port-Gigabit-Desktop-Switch-p-342140.php**

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