**ComX Computers**
Product Specification Sheet

# TP-SG1210MP

TP-Link 10-Port Gigabit Desktop Switch with 8-Port PoE+

## Product Overview

TP-Link TP-SG1210MP 10 Port Gigabit Desktop Switch with 8 Port PoE+, 9x 10/100/1000 Mbps RJ45 Ports, 1x 1000 Mbps combo SFP/RJ45 Port, Up to 30 W on each PoE Port, Fanless, Ports 1-8 PoE Ports, 123 W PoE Power Supply








## Specifications

**Overview:**

**TL-SG1210MP - 10-Port Gigabit Desktop Switch with 8-Port PoE+**

- 9x gigabit RJ45 ports, and 1x gigabit combo SFP/RJ45 Port
- 8x PoE+ ports transfer data and power via a single cable with a total power budget of 123 W
- Compliance with IEEE 802.3af/at PoE+, the switch supports PoE Power up to 30 W for each PoE port
- Up to 250 m data and power transmission range under Extend Mode
- Priority Mode ensures high priority of ports 1-2 to guarantee the quality of the sensitive applications
- Isolation Mode allows one-click client traffic separation for higher security and performance
- Automatically reboots your dropped or unresponsive PoE-powered devices with PoE Auto Recovery.
- Plug and play with no configuration required
- Fanless design reduces power consumption and works silently in its location

**Features:**

**What This Product Does**
TP-Link TL-SG1210MP is an unmanaged switch with 9x gigabit RJ45 ports and 1x gigabit combo SFP/RJ45 port that requires no configuration. With 8x PoE (Power over Ethernet) ports, it can automatically detect and supply power with all IEEE 802.3af/at compliant Powered Devices (PDs). In this situation, the electrical power is transmitted along with data in one single cable allowing you to expand your network to where there are no power lines or outlets, where you wish to fix devices such as APs, IP Cameras or IP Phones, etc.

**Professional 10-Port Switch with 8-Port PoE+ (123 W Budget) for Numerous Applications**
Compliance with the 802.3af/at PoE+ standard supports up to 30 W on each PoE port. The total 123 W PoE power budget for the 8x PoE+ ports opens up a wide range of applications, such as surveillance for offices, dormitories, and small businesses. It is fully compatible with IP cameras, access points, IP phones, computers, printers, and more.

**Keep Your Network Smooth and Safe with Abundant Functions**
With extend mode, the PoE transmission distance reaches up to 250 m - perfect for IP Camera deployment in large areas.

Guarantees the quality of sensitive applications like video and voice in critical business areas by prioritizing the data of ports 1-2.

Isolation Mode easily divides traffic for ports 1-4 or 5-8 to avoid snooping/tampering and isolates broadcast storm for higher security.

**System Self-Healing with PoE Auto Recovery**
The switch automatically detects and reboots the PD devices, such as cameras and APs, when they fall offline or go unresponsive, guaranteeing the stable operation of PoE-connected devices, without the need for manual monitoring and restart.

**Durable Metal Casing**
The interior components of TL-SG1210MP are protected by high-quality metal casing to ensure a long product life. Its fanless design delivers zero added noise in its locations. Having passed an array of stringent reliability tests, TL-SG1210MP delivers switching performance you can depend on.

**Intelligent Power Management**
When total power consumption exceeds 123 W, intelligent power management will cut the lower priority port power. This ensures the high-priority ports power supply and protects the device from power overload. It also automatically detects and provides the required power for your PoE devices while protecting your PoE and non-PoE equipment from being damaged.

**Specifications:**

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| Specifications | |
|---|---|
| **Product Code** | TP-SG1210MP |
| **HARDWARE FEATURES** | |

| | |
|---|---|
| **Interface** | 9x 10/100/1000 Mbps RJ45 Ports |
| | 1x 1000 Mbps Combo SFP/RJ45 Port |
| | AUTO Negotiation |
| | AUTO MDI/MDIX |
| **Network Media** | 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) |
| | EIA/TIA-568 100ohm STP (maximum 100m) |
| | 100BASE-TX: UTP category 5, 5e cable (maximum 100m) |
| | EIA/TIA-568 100ohm STP (maximum 100m) |
| **Fan Quantity** | Fanless |
| **Physical Security Lock** | Yes |
| **External Power Supply** | External Power Adapter (Output: 53.5VDC / 2.43A) |
| **Packet Forwarding Rate** | 14.88 Mpps |
| **PoE Ports (RJ45)** | Standard: 802.3 af/at compliant |
| | PoE Ports: Ports 1-8 |
| | Power Supply: 123 W |
| **Mac Address Table** | 4K |
| **Jumbo Frame** | 16 KB |
| **Switching Capacity** | 20 Gbps |
| **Dimensions ( W x D x H )** | 8.2 x 4.9 x 1.0 in (209 x 126 x 26 mm) |
| **Max Power Consumption** | 7.93 W (220V / 50Hz with no PD connected) |
| | 141.40 W (220V / 50Hz with 123 W PD connected) |
| **Max Heat Dissipation** | 27.04 BTU/h (220V / 50Hz with no PD connected) |
| | 482.17 BTU/h (220V / 50Hz with 123 W PD connected) |
| **SOFTWARE FEATURES** | |
| **Transmission Method** | Store-And-Forward |
| **Advanced Functions** | Compatible With IEEE 802.3af/at Compliant PDs |
| | Extend Mode Button (Ports 1-4, Up to 250 m PoE power supply and data transmission) |
| | Priority Mode Button (Ports 1-2) |
| | Isolation Mode Button (Ports 1-4 / 5-8) |
| | PoE Auto Recovery (Ports 1-8) |
| | Mac Address Auto-Learning and Auto-Aging |
| | IEEE802.3x Flow Control For Full-Duplex Mode And Backpressure for Half-Duplex Mode |
| **OTHERS** | |
| **Certification** | FCC, CE, RoHS |
| **Package Contents** | TL-SG1210MP |
| | Power Adapter |
| | Installation Guide |

| | |
|---|---|
| **Environment** | Operating Temperature: 0-40 degreesC (32-104 degreesF) |
| | Storage Temperature: -40-70 degreesC (-40-158 degreesF) |
| | Operating Humidity: 10-90% RH non-condensing |
| | Storage Humidity: 5-90% RH non-condensing |

## 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-SG1210MP-TP-Link-10-Port-Gigabit-Desktop-Switch-with-8-Port-PoE-p-262163.php**

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