5/8-Port
Gigabit Desktop Switch

Gigabit Wired Network
Expansion Solution



TL-SG1005D/TL-SG1008D

QoS | Plug and Play | Green Tech

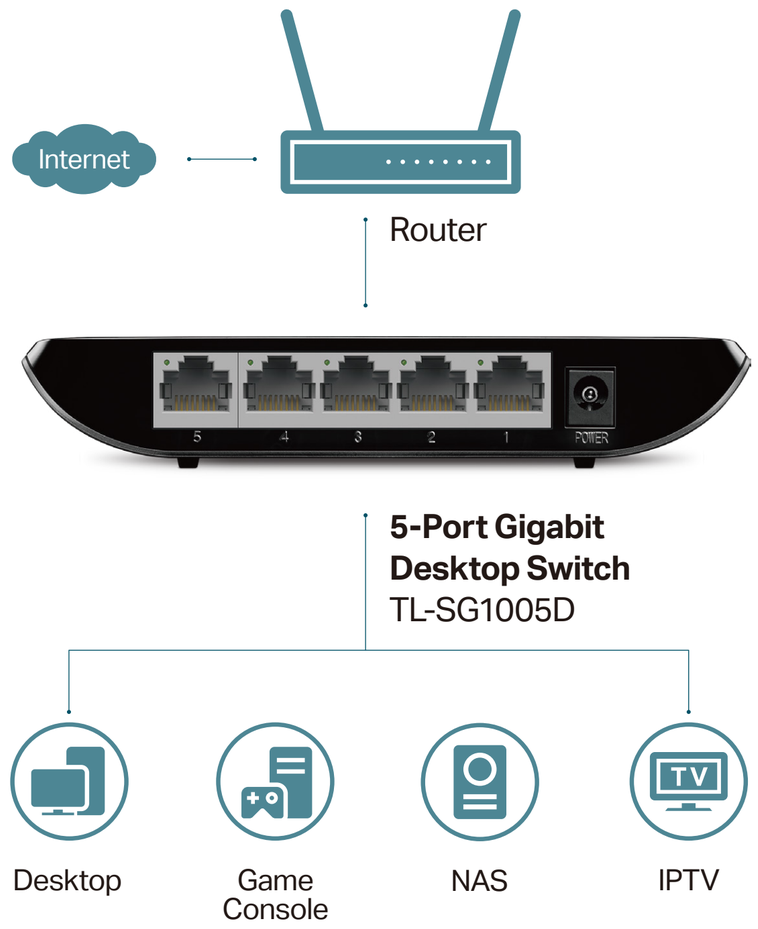
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Overview

The TL-SG1005D/TL-SG1008D Gigabit Desktop Switches provide you an easy way to upgrade your network to 1000Mbps network. Since all ports supports auto MDI/MDIX, there's no need to worry about the cable type to use.

Moreover, with the innovative energy-efficient technology, TL-SG1005D/TL-SG1008D can save power consumption, making them an eco-friendly solution for your business network.

TL-SG1005D is used for demonstration here.



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Features







Gigabit Expansion Solution

- TL-SG1005D equips 5 10/100/1000Mbps ports, providing up to 10Gbps switching capacity
- TL-SG1008D equips 8 10/100/1000Mbps ports, providing up to 16Gbps switching capacity
- 16KB Jumbo Frame improves performance of large data transfers
- IEEE 802.3x flow control provides reliable data transfer

Highlight Performance

- 802.1p and DSCP QoS enables smooth traffic
- Fanless design ensures quiet operation
- Green technology reduces power consumption

Easy to Use

- Just plug and play, no configuration required
- Auto MDI/MDIX eliminates the need for crossover cables
- Auto-negotiation intelligently adjusts for compatibility and optimal performance

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Specifications

- Interface:

  TL-SG1005D: 5 10/100/1000Mbps RJ45 Ports, Auto Negotiation, Auto MDI/MDIX

  TL-SG1008D: 8 10/100/1000Mbps RJ45 Ports, Auto Negotiation, Auto MDI/MDIX

- Standards: IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE802.3ab, IEEE 802.3x, IEEE 802.1p

- Transmission Method : Store and Forward

- Advanced Functions: Green Technology, 802.3x Flow Control, 802.1p/DSCP QoS

- Max Power Consumption (220V/50Hz):

  TL-SG1005D: 3.1W; TL-SG1008D: 4.63W

- Power Supply:

  TL-SG1005D: External Power Adapter (Output: 5VDC / 0.6A)

  TL-SG1008D: External Power Adapter (Output: 9VDC / 0.6A)

- Certification: FCC, CE, RoHs

- Environment:

  Operating Temperature: 0°C~40°C (32°F ~104°F)

  Storage Temperature: -40°C~70°C (-40°F ~158°F)

  Operating Humidity: 10%~90%RH, non-condensing;

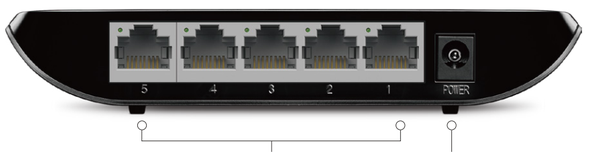
  Storage Humidity: 5%~90%RH, non-condensing

- Dimensions (W x D x H):

  TL-SG1005D: 5.5 × 3.5 × 0.9 in. (140 × 88 × 23 mm)

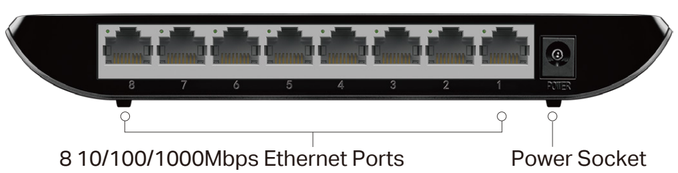
  TL-SG1008D: 7.1 × 3.5 × 1.0 in. (180 × 90 × 25.5 mm)

- TL-SG1005D:



5 10/100/1000Mbps Ethernet Ports Power Socket

- TL-SG1008D:



8 10/100/1000Mbps Ethernet Ports Power Socket

- Package Contents:

  5/8-Port Gigabit Desktop Switch TL-SG1005D/TL-SG1008D

  Power Adapter

  Installation Guide

For more information, please visit
https://www.tp-link.com/en/products/details/TL-SG1005D.html & https://www.tp-link.com/en/products/details/TL-SG1008D.html
or scan the QR code left and search for your product.

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