24-port Gigabit Fast Ethernet Switch
TL-SG1024

TP-LINK®
TL-SG1024
24-Port Gigabit Ethernet Switch

Expands your network, adding more devices and computers to the network

No configuration required, just connects it to your network

Delivers up to 2000Mbps throughput in full-duplex mode
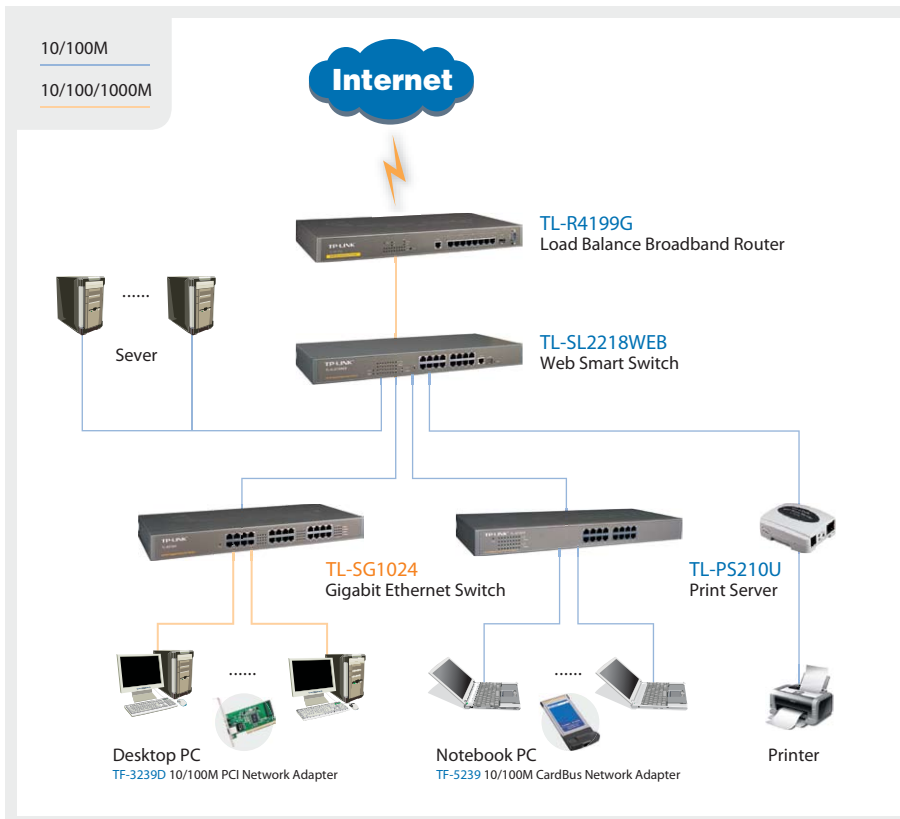
Description：

TL-SG1024 24-port Gigabit Fast Ethernet Switch provides 24 Gigabit Auto-Negotiation RJ45 ports. Each port of the TL-SG1024 supports Auto MDI/MDIX function, eliminating the need for crossover cables or uplink ports. The Switch is Plug-and-Play and any port can be simply plugged into a server, a hub, a switch, a router, and so on, to expand your network.

TP-LINK TL-SG1024 provides you a low-cost, easy-to-use, high-performance, seamless and standard upgrade to improve your old network to a 1000Mbps network. It will boost your network performance up to full duplex data transfer.

Speifications:

Standards	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX
Protocol	CSMA/CD
Ports	24 Gigabit Auto-Negotiation RJ45
Network Media (Cable)	10/100Base-T: UTP category 3, 4, 5 (5, 5e) cable (maximum 100m) EIA/TIA-568 100Ù STP (maximum 100m) 1000Base-Tx: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ù STP (maximum 100m)
Switching Capacity	64Gbps
MAC Address Table	8k
Data Transfer Rate	Ethernet: 10/100Mbps (Half Duplex), 20/200Mbps (Full Duplex) Fast Ethernet: 1000Mbps (Half Duplex), 2000Mbps (Full Duplex)
LED indicators	Power, Link/Act, 10/100Mbps, 1000Mbps
Transfer Method	Store-and-Forward
MAC Address Learning	Automatically learning, automatically update
Frame Filtering and Forward Rate	10Mbps: 14880pps, 100Mbps: 148800pps 1000Mbps: 1488000pps
Power Supply	100-240V~ 50-60Hz (Internal universal power supply)
Safety & Emission	CE, FCC
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(L x W x H)	17.3*7.1*1.7 in. (440*180*44 mm)

Diagram:

Features:

- Complies with IEEE 802.3, IEEE 802.3u standards
- 24 Gigabit Auto-Negotiation RJ45 ports supporting Auto-MDI/MDIX
- Supports IEEE 802.3x flow control for Full Duplex mode and backpressure for half-duplex mode
- Supports MAC address auto-learning and auto-aging
- LED indicators for monitoring power, link, activity, 10/100Mbps, 1000Mbps
- Internal universal power supply

Package:

- TP-LINK TL-SG1024 Switch
- Power cord
- User Guide
- Rackmount Kit
- Rubber Feet

Related Products:

- TL-R480T SMB Broadband Router
- TL-R4199G Load Balance Broadband Router
- TL-SL3428 24+4G Gigabit-Uplink Managed Switch
- TL-SL2218WEB 24+2G Gigabit-Uplink Web Smart Switch
- TL-SL1226 24+2G Unmanaged Gigabit-Uplink Switch
- TL-PS210U Single USB2.0 Port MFP Print Server
- TG-3269D Gigabit PCI Network Adapter
- TG-5269 Gigabit CardBus Network Adapter

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