# 16/24-Port 10/100Mbps Rackmount Switch

MODEL: TL-SF1016/TL-SF1024

## Overview

The 16/24-Port 10/100Mbps Rackmount Switch TL-SF1016/TL-SF1024 provides you with a high-performance, low-cost, easy-to-use, seamless and standard upgrade to improve old network to 100Mbps network. All 16/24 ports support auto MDI/MDIX, so there is no need to worry about the cable type, simply plug and play.

## Enhanced Performance

The rack-mount size steel case design, combined with a safety-certified internal power supply, make the switch the most robust product, which is very cost-effective for a less than 16/24-user environment. Featuring non-blocking switching architecture, TL-SF1016/TL-SF1024 forwards and filters packets at full wire-speed for maximum throughput. And IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode alleviate the traffic congestion and make TL-SF1016/TL-SF1024 work reliably.

## Easy of Use

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

# Specifications

## Hardware Specifications & Performance

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|---|---|---|---|
| Product Picture | | | |
| Model | | TL-SF1016 | TL-SF1024 |
| Hardware Features | Standards and Protocols | IEEE 802i, IEEE 802.3u, IEEE 802.3x | |
| | Interface | 16 10/100Mbps RJ45 Ports<br>Auto Negotiation/Auto MDI/MDIX | 24 10/100Mbps RJ45 Ports<br>Auto Negotiation/Auto MDI/MDIX |
| | Forwarding Mode | Store-and-Forward | |
| | Network Media | 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)<br>100BASE-TX: UTP category 5, 5e or above cable (maximum 100m) | |
| | Power Supply | 100-240VAC, 50/60Hz | |
| | Dimensions | 17.3*7.1*1.7 in. (440*180*44 mm) | |
| | Fanless | Yes | |
| Performance | Switching Capacity | 3.2Gbps | 4.8Gbps |
| | Packet Forwarding Rate | 2.38Mpps | 3.57Mpps |
| | MAC Address Table | 8K | |
| | Jumbo Frame | 2KB | |
| | Max Power Consumption | 2.06W (220V/50Hz) | 3.19W (220V/50Hz) |
| | Max Heat Dissipation | 7.03 BTU/h | 10.88 BTU/h |
| Certification | | CE, FCC | |
| 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 | |
| Ordering Information | | 16-Port 10/100Mbps Rackmount Switch | 24-Port 10/100Mbps Rackmount Switch |



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