



16-Port Gigabit Easy Smart PoE Switch with 8-Port PoE+

TL-SG1016PE

SKU: 173166 UPC: 84597309886

The TL-SG1016PE is a 16-Port Gigabit Desktop/Rack mountable Switch with 8 ports supporting the PoE+ standard. It provides a simple way to expand a wired network by transferring power and data over a single Ethernet Cable. With a total power budget of 110W, up to 30W per port, TL-SG1016PE can power more high-powered devices such as wireless Access Points (APs), IP Cameras or IP Phones. Moreover, with innovative energy-efficient technology, the TL-SG1016PE can save up to 75% of the power consumption, making it an eco-friendly solution for your business network.

Features

- 16 10/100/1000Mbps RJ45 ports
- Equipped with 8 PoE+ supported ports to transfer data and power over a single cable
- With a total PoE power budget of 110W, up to 30W per port
- Works with IEEE 802.3af/at compliant devices, expanding home and office networks
- Simple network set-up on top of plug-and-play connectivity
- Web-based user interface and management utility simplify configuration

HARDWARE FEATURES	
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1q, IEEE 802.1p
Interface	16 10/100/1000Mbps RJ45 Ports AUTO Negotiation/AUTO MDI/MDIX
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100? STP (maximum 100m) 100BASE-TX: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100? STP (maximum 100m) 1000BASE-T: UTP category 5, 5e, 6 or above cable (maximum 100m) EIA/TIA-568 100? STP (maximum 100m)
Fan Quantity	1
Physical Security Lock	Yes
PoE Ports (RJ45)	Standard: 802.3 at (30W) PoE Ports: Port 1- Port 8 Total PoE Power Budget: 110W
Dimensions (W x D x H)	11.6 x 7.1 x 1.7 in. (294 x 180 x 44 mm)
Mounting	13" and 19" 1U rack mountable
Max Power Consumption	14.7W (no PD load) 131.4W (with 110W PD load)
Max Heat Dissipation	50.2 BTU/h (no PD load) 448.4 BTU/h (with 110W PD load)
PERFORMANCE	
Switching Capacity	32Gbps
Packet Forwarding Rate	23.8Mbps

PERFORMANCE	
MAC Address Table	8K
Packet Buffer Memory	4.1Mb
Jumbo Frame	9KB
SOFTWARE FEATURES	
Quality of Service	Support Port-Based/802.1p/DSCP priority Support 4 priority queues Rate Limit Storm Control
L2 Features	IGMP Snooping V1/V2/V3 Link Aggregation Port Mirroring Cable Diagnostics Loop Prevention
VLAN	Supports up to 32 VLANs simultaneously (out of 4K VLAN IDs) MTU/Port/Tag VLAN
Management	Web-based GUI Easy Smart Configuration Utility POE Auto Recovery
Transmission Method	Store-And-Forward
OTHERS	
Certification	FCC, RoHS
Package Contents	TL-SG1016PE Power Cord Installation Guide Rackmount Kit Rubber Feet
Environment	Operating Temperature: 0?~40? (32?~104?) Storage Temperature: -40?~70? (-40?~158?) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing