

Switch TP-LINK 16x10Base-T 100Base-TX 1000Base-T TL- SG1016



Model: TL-SG1016

Manufacturer: TP-LINK

EAN: 6935364020095

Product Code: 772301

R1,923

The TL-SG1016 Gigabit Ethernet Switch provides you with a high-performance, low-cost, easy-to-use, seamless and standard upgrade to improve old network to 1000Mbps network. All 16 ports support auto MDI/MDIX, no need to worry about the cable type, simply plug and play. Moreover, with the innovative energy-efficient technology, the TL-SG1016 can save power consumption and 80% of the packaging material can be recycled, making it an eco-friendly solution for your business network.

TP-Link Green Technology

This new generation TL-SG1016 Gigabit Switch features the latest innovative energy-efficient technologies that can greatly expand your network capacity with much less power. It automatically adjusts power consumption according to the link status to limit the carbon footprint of your network. It also complies with the EU'S RoHS, prohibiting the use of certain hazardous materials. Besides, 80%

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of the packaging material can be recycled.

High Performance

All 16 ports are Gigabit RJ-45 ports which can provide large file transferring and also be compatible with 10Mbps and 100Mbps Ethernet devices. Featuring non-blocking switching architecture, TL-SG1016 forwards and filters packets at full wire-speed for maximum throughput. With 10KB Jumbo frame, the performance of large files transfers is improved significantly. And IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode alleviate the traffic congestion and make The TL-SG1016 work reliably. It's a perfect choice to update your network to Gigabit while protecting your previous investment properly.

Easy to Use

The auto features of this gigabit 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, or 1000 Mbps) and intelligently adjusts for compatibility and optimal performance.

- 16 10/100/1000Mbps RJ45 ports
- Innovative energy-efficient technology saves power consumption
- Supports MAC address self-learning and auto MDI/MDIX
- Standard 19-inch rack-mountable steel case

Summary: TP-Link 16-Port Gigabit Rackmount Network Switch. Switch type: Unmanaged. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 16. Full duplex. MAC address table: 8000 entries, Switching capacity: 32 Gbit/s. Networking standards: IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x. Power connector: AC-in jack. Rack mounting, Form factor: 1U | Vendor Homepage: <https://www.tp-link.com/hk/business-networking/unmanaged-switch/tl-sg1016/v12/#specifications> | Quality of Service (QoS) support: Yes | Switch type: Unmanaged | Basic switching RJ-45 Ethernet ports quantity: 16 | Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000) | Gigabit Ethernet (copper) ports quantity: 16 | Power connector: AC-in jack | 10G support: No | Auto MDI/MDI-X: Yes | Auto-negotiation: Yes | Cable types supported: Cat3/Cat4/Cat5/Cat5e | Copper ethernet cabling technology: 1000BASE-T/100BASE-TX/10BASE-T | Flow control support: Yes | Full duplex: Yes | Half duplex: Yes | Networking standards: IEEE 802.3ab/IEEE 802.3i/IEEE 802.3u/IEEE 802.3x | Forwarding rate: 23.8 | Jumbo frames: 10000 |

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Jumbo frames support: Yes | MAC address table: 8000 | Store-and-forward: Yes | Switching capacity: 32 | Form factor: 1U | Housing material: Metal | LED indicators: Yes | Product colour: Black | Rack mounting: Yes | Compatible operating systems: Microsoft Windows 2000/XP/2003/Vista/2008/7/2012/8/10 MacOS NetWare UNIX Linux | Fanless: Yes | Maximum cable length: 100 | AC input frequency: 50/60 | AC input voltage: 100 - 240 | Power consumption (max): 10.44 | Power source: AC | Power supply included: Yes | Power over Ethernet (PoE): No | Heat dissipation: 35.6 | Operating relative humidity (H-H): 10 - 90 | Operating temperature (T-T): 0 - 40 | Storage relative humidity (H-H): 5 - 90 | Storage temperature (T-T): -40 - 70 | Depth: 180 | Height: 44 | Width: 440 | Cables included: AC | Rack mount kit: Yes | User guide: Yes | Package depth: 528 | Package height: 80 | Package type: Box | Package weight: 2040 | Package width: 250 | Sustainability compliance: Yes | Compliance certificates: CE/Federal Communications Commission (FCC)/RoHS | Harmonized System (HS) code: 85176990 | Product Net Weight: 1.92 | Shipping Box Height: 27 | Unit Calculated Volume: 0.01174 | Unit Calculated Weight: 2.33 | Units per Pallet: 0 | Units per Shipping Box: 6 | Model name: 16-Port Gigabit Rackmount Network Switch

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