TP-Link TL-SG116E

16-Port Gigabit Easy Smart Switch · Specification summary



Standards and Protocols	IEEE 802.3i, 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 100Ω STP (maximum 100m); 100BASE-TX: UTP category 5, 5e cable (maximum 100m); EIA/TIA-568 100Ω STP (maximum 100m); 1000BASE-T: UTP category 5, 5e, 6 or above cable (maximum 100m); EIA/TIA-568 100Ω STP (maximum 100m)
Fan Quantity	Fanless
Power Supply	External Power Adapter(Output: 12VDC/1.0A)
Dimensions (W × D × H)	11.3 × 4.4 × 1.0 in. (286 × 111.7 × 25.4 mm)
Max. Power Consumption	9.19W(220V/50Hz)
Max. Heat Dissipation	31.36BTU/h
Packet Buffer Memory	4.1Mb
Jumbo Frame	9KB
Switching Capacity	32Gbps
Packet Forwarding Rate	23.81Mpps
MAC Address Table	8K
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; Static Link Aggregation; Port Mirroring; Cable Diagnostics; Loop Prevention
VLAN	Supports up to 32 VLANs simultaneously (out of 4K VLAN IDs); MTU/Port/Tag VLAN
Transmission Method	Store-And-Forward
Certification	FCC, CE
Package Content	TL-SG116E; Power Cord; Installation Guide; 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

Specifications are summarised from the manufacturer's published information (checked 2026-11-02). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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