



Unmanaged Switch | Datasheet

TL-SG1016D/TL-SG1024D

16/24-Port Gigabit Desktop/Rackmount Switch



Highlights

- 10/100/1000 Mbps Auto-Negotiation RJ45 ports supporting Auto-MDI/MDIX
- Supports 802.1p/DSCP QoS functions
- Durable metal casing and a fanless design
- IEEE 802.3x flow control provides reliable data transfer
- Green Ethernet technology reduces power consumption
- Isolation Mode easily divides traffic for specific ports with one click to avoid snooping, tampering, and isolate broadcast storm for higher security.
- Monitor and address loop-related issues within your network structure to prevent disruptions caused by looping
- Plug and play, no configuration needed

Specifications

Model		TL-SG1016D	TL-SG1024D
Hardware Features	Standards and Protocols	IEEE 802i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p	
	Interface	16 10/100/1000Mbps RJ45 Ports, Auto Negotiation/Auto MDI/MDIX	24 10/100/1000Mbps RJ45 Ports, Auto Negotiation/Auto MDI/MDIX
	Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000BASE-T: UTP category 5, 5e or above cable (maximum 100m)	
	Power Supply	100-240VAC, 50/60Hz	
	LED	Power, 1000Mbps, Link/Act	
	Dimensions (W x D x H)	11.6*5.5*1.7 in. (294*140*44 mm)	
	Fan Quantity	Fanless	
	Max Power Consumption	6.83W (220V/50Hz)	13.54 W (220V/50Hz)
	Max Heat Dissipation	23.3 BTU/h	46.04 BTU/h
Performance	Switching Capacity	32 Gbps	48 Gbps
	Packet Forwarding Rate	23.8 Mpps	35.7 Mpps
	MAC Address Table	8K	
	Jumbo Frame	15 KB	10 KB
Software Features	Advanced Features	<ul style="list-style-type: none"> • Loop Prevention • 802.3X Flow Control • 802.1p/DSCP QoS 	<ul style="list-style-type: none"> • Loop Prevention • 802.3X Flow Control • 802.1p/DSCP QoS • IGMP
	Transmission Method	Store and Forward	
Others	Certifications	CE, FCC, RoHS	
	Environment	<ul style="list-style-type: none"> • Operating Temperature: -5–50 °C (23–223°F) 	<ul style="list-style-type: none"> • Operating Temperature: -5–40 °C (23–104 °F)
		<ul style="list-style-type: none"> • Storage Temperature: -40–70 °C (-40–158 °F) 	
		<ul style="list-style-type: none"> • Operating Humidity: 10–90% RH non-condensing 	
	<ul style="list-style-type: none"> • Storage Humidity: 5–90% RH non-condensing 		