







Specifications

Hardware Features & Performance

Product Picture				
Model		TL-SG2008 V3	TL-SG2008P	TL-SG2210P V3.20
General	Interface	8 10/100/1000Mbps RJ45 Ports	8 10/100/1000Mbps RJ45 ports	8 10/100/1000Mbps RJ45 Ports 2 Gigabit SFP Slots
	Flash	32 MB		
	DRAM	256 MB		
	Port Standard	IEEE 802.3i:10BASE-T Ethernet; IEEE 802.3u:100BASE-X Fast Ethernet; IEEE 802.3ab:1000BASE-T Gigabit Ethernet; IEEE 802.3z:1000BASE-X Gigabit Ethernet (Optical fiber) (only for TL-SG2210P)		
PoE	PoE Standard		802.3af/at	802.3af/at
	PoE Ports	--	4, up to 30 W	8, up to 30 W
	PoE Power Budget		62 W	61 W
Performance	Switching Capacity	16 Gbps	16 Gbps	20 Gbps
	Packet Forwarding Rate	11.90 Mpps		14.88 Mpps
	MAC Address Table	8K		
	Packet Buffer	4.1 Mbit		
	Transmission Method	Store and Forward		
	Number of IP Interfaces	16		
	Number of Static Routers	32 (IPv4, IPv6)		
	Jumbo Frame	9 KB		
Physical & Environmet	Power Supply	12 VDC/1 A External Adapter or Obtain Power from PoE Source	53.5 VDC/1.31 A External Adapter	
	Max Power Consumption	6.4 W (220 V/50 Hz)	7.9 W (220 V/50 Hz) (no PD connected) 69.7 W (220 V/50 Hz) (with 62 W PD connected)	10.3 W (220 V/50 Hz) (no PD connected) 76.5 W (220 V/50 Hz) (with 61 W PD connected)
	Max Heat Dissipation	21.84 BTU/hr (220 V/50 Hz)	26.95 BTU/hr (220 V/50 Hz) (no PD connected) 237.82 BTU/hr (220 V/50 Hz) (with 62 W PD connected)	35.14 BTU/hr (220 V/50 Hz) (no PD connected) 261.02 BTU/hr (220 V/50 Hz) (with 61 W PD connected)
	Standby Power Consumption	2.56 W (220 V/50 Hz)	2.89 W (220 V/50 Hz)	4.99 W (220 V/50 Hz)
	Dimensions (W x D x H)	8.2 × 4.9 × 1.0 in (209 × 126 × 26 mm)		
	Fan Quantity	Fanless		
	Installation	Desktop/Wall-Mounting		
	Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)		
	Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)		
	Operation Humidity	10% to 90% RH, non-condensing		
	Storage Humidity	5% to 90% RH, non-condensing		
	Certification	CE, FCC, RoHS		

Hardware Features & Performance

Product Picture				
Model		TL-SG2210MP	TL-SG2218	TL-SG2428P
General	Interface	8 10/100/1000Mbps RJ45 Ports 2 Gigabit SFP Slots	16 10/100/1000Mbps RJ45 Ports 2 Gigabit SFP Slots	24 10/100/1000Mbps RJ45 ports 4 Gigabit SFP Slots
	Flash	32 MB		
	DRAM	256 MB		
	Port Standard	IEEE 802.3i:10BASE-T Ethernet; IEEE 802.3u:100BASE-X Fast Ethernet; IEEE 802.3ab:1000BASE-T Gigabit Ethernet; IEEE 802.3z:1000BASE-X Gigabit Ethernet (Optical fiber)		
PoE	PoE Standard	802.3af/at	-	802.3af/at
	PoE Ports	8, up to 30 W	-	24, up to 30 W
	PoE Power Budget	150 W	-	250 W
Performance	Switching Capacity	20 Gbps	36 Gbps	56 Gbps
	Packet Forwarding Rate	14.88 Mpps	26.78 Mpps	41.66 Mpps
	MAC Address Table	8K		
	Packet Buffer	4.1 Mbit		
	Transmission Method	Store and Forward		
	Number of IP Interfaces	16		
	Number of Static Routers	32 (IPv4, IPv6)		
	Jumbo Frame	9 KB		
Physical & Environmet	Power Supply	100-240V AC, 50/60Hz		
	Max Power Consumption	12.2 W (110 V/60 Hz) (no PD connected) 173.9 W (110 V/60 Hz) (with 150 W PD connected)	12.3 W (220 V/50 Hz)	32.1 W (110 V/60 Hz) (no PD connected) 308.6 W (110 V/60 Hz) (with 250 W PD connected)
	Max Heat Dissipation	41.63 BTU/hr (110 V/60 Hz) (no PD connected) 539.35 BTU/hr (110 V/60 Hz) (with 150 W PD connected)	41.97 BTU/hr	109.53 BTU/hr (110 V/60 Hz) (no PD connected) 1052.94 BTU/hr (110 V/60 Hz) (with 250 W PD connected)
	Standby Power Consumption	8.56 W (110 V/60 Hz)	3.84 W (220 V/50 Hz)	21.96 W (110 V/60 Hz)
	Dimensions (W x D x H)	11.6 x 7.1 x 1.7 in (294 x 180 x 44 mm)	17.3 x 7.1 x 1.7 in (440 x 180 x 44 mm)	17.3 x 8.7 x 1.7 in (440 x 220 x 44 mm)
	Fan Quantity	1	Fanless	2
	Installation	Rackmount/Desktop	Rackmount	Rackmount
	Operating Temperature	0 °C to 50 °C (32 °F to 122 °F)		
	Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)		
	Operation Humidity	10% to 90% RH, non-condensing		
	Storage Humidity	5% to 90% RH, non-condensing		
	Certification	CE, FCC, RoHS		