



# TP-Link TL-SG1024DE network switch Managed L2 Gigabit Ethernet (10/100/1000) Black

**Brand :** TP-Link

**Product code:** TL-SG1024DE

**Product name :** TL-SG1024DE



- 24 10/100/1000Mbps RJ45 ports
- Provides network monitoring, traffic prioritization and VLAN features
- Green technology reduces power consumption
- Simple network set-up on top of plug-and-play connectivity
- Web-based user interface and management utility simplify configuration

24-Port Gigabit Easy Smart Switch, Managed

TP-Link TL-SG1024DE. Switch type: Managed, Switch layer: L2. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 24. Full duplex. MAC address table: 8000 entries, Switching capacity: 48 Gbit/s. Networking standards: IEEE 802.1Q, IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u. Rack mounting

Management features		Security	
Switch type *	Managed	IGMP snooping	✓
Switch layer	L2	<b>Design</b>	
Quality of Service (QoS) support	✓	Rack mounting *	✓
<b>Ports &amp; interfaces</b>		Product colour	Black
Basic switching RJ-45 Ethernet ports quantity *	24	LED indicators	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Certification	FCC, CE, RoHS
<b>Network</b>		<b>Power</b>	
Networking standards *	IEEE 802.1Q, IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u	Power supply included *	✓
10G support *	✗	AC input voltage	100 - 240 V
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	AC input frequency	50 - 60 Hz
Port mirroring	✓	Power consumption (typical)	14.19 W
Full duplex	✓	<b>Operational conditions</b>	
Flow control support	✓	Operating temperature (T-T)	0 - 40 °C
Link aggregation	✓	Storage temperature (T-T)	-40 - 70 °C
Broadcast storm control	✓	Operating relative humidity (H-H)	10 - 90%
Rate limiting	✓	Storage relative humidity (H-H)	5 - 90%
Auto MDI/MDI-X	✓	Heat dissipation	48.39 BTU/h
Number of VLANs	32	<b>Weight &amp; dimensions</b>	
<b>Data transmission</b>		Width	294 mm
Switching capacity *	48 Gbit/s	Depth	180 mm
Throughput	35.7 Mpps	Height	44 mm
MAC address table *	8000 entries	<b>Packaging data</b>	
Store-and-forward	✓	Cables included	AC
Number of queues	4	User guide	✓
Jumbo frames support	✓	Package type	Box
Jumbo frames	10000	Rack mount kit	✓
Packet buffer memory	4.1 MB	<b>Logistics data</b>	
		Harmonized System (HS) code	85176990

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