



TP-Link T1600G-52PS Managed L2+ Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Black

Brand : TP-Link

Product code: T1600G-52PS(TL-SG2452P)



Product name : T1600G-52PS

L2+, Managed, 48x Gigabit RJ-45 PoE+, 4x Gigabit SFP, 104Gbps, 77.4Mpps, 384W
TP-Link T1600G-52PS. 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: 48. MAC address table: 16000 entries, Switching capacity: 104 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE.... Power over Ethernet (PoE). Rack mounting, Form factor: 1U

Management features		Multicast features	
Switch type *	Managed	Multicast support	✓
Switch layer	L2+	Protocols	
Quality of Service (QoS) support	✓	Management protocols	SNMP v1/v2c/v3, RMON, TFTP
Web-based management	✓	Design	
Ports & interfaces		Rack mounting *	✓
Basic switching RJ-45 Ethernet ports quantity *	48	Form factor	1U
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Product colour	Black
Gigabit Ethernet (copper) ports quantity	48	Number of fans	3 fan(s)
SFP module slots quantity	4	Certification	CE, FCC, RoHS
Network		Performance	
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x	Compatible operating systems	Microsoft Windows XP, Vista, Windows 7, Windows 8, MAC OS, NetWare, UNIX, Linux.
10G support *	✗	Firmware upgradeable	✓
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	Power	
Port mirroring	✓	AC input voltage	100 - 240 V
Flow control support	✓	AC input frequency	50 - 60 Hz
Link aggregation	✓	Power consumption (typical)	470.4 W
Broadcast storm control	✓	Power over Ethernet (PoE)	
Auto MDI/MDI-X	✓	Power over Ethernet (PoE) *	✓
Spanning tree protocol	✓	Power over Ethernet plus (PoE+) ports quantity	48
VLAN support	✓	Total Power over Ethernet (PoE) budget	384 W
Number of VLANs	4000	Operational conditions	
Data transmission		Operating temperature (T-T)	0 - 40 °C
Switching capacity *	104 Gbit/s	Storage temperature (T-T)	-40 - 70 °C
Throughput	77.4 Mpps	Operating relative humidity (H-H)	10 - 90%
MAC address table *	16000 entries	Storage relative humidity (H-H)	5 - 90%
Number of queues	8	Weight & dimensions	
Jumbo frames support	✓	Width	440 mm
Security		Depth	330 mm
Access Control List (ACL)	✓	Height	44 mm
IGMP snooping	✓	Packaging data	
Security algorithms	802.1x RADIUS, SSH, SSL/TLS	Cables included	AC
SSH/SSL support	✓	Quick start guide	✓

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