



TP-Link JetStream 48-Port Gigabit and 4-Port 10GE SFP+ L2+ Managed Switch with 48-Port PoE+

Brand : TP-Link

Product code: TL-SG3452XP

Product name : JetStream 48-Port Gigabit and 4-Port 10GE SFP+ L2+ Managed Switch with 48-Port PoE+



- 10G Lightning-Fast Uplink: Enjoy high-bandwidth connectivity and non-blocking switching capacity with four 10 Gbps SFP+ slots
 - PoE+ Output with 500 W Power Budget: Design your optimal network layout with forty-eight 802.3af/at PoE+ gigabit ports.*
 - Centralized Cloud Management: Integrates into Omada SDN for cloud access and remote management
 - Abundant L2 and L2+ Features: It supports a complete lineup of L2 and L2+ features, including Static Routing, enterprise-level QoS, and IGMP Snooping
 - Robust Security Strategies: Helps protect LAN area investment with integrated IP-MAC-Port Binding, ACL, Port Security, and 802.1X Authentication
 - Standalone Management: Web, CLI (Console Port, Telnet, SSH), SNMP, RMON, and Dual Image bring powerful management capabilities
- 48x 10/100/1000 Mbps RJ45 PoE+, 4x 10G SFP+ Slots, 1x RJ45, 1x Micro-USB, 176 Gbps, MAC 16 K, 440 x 330 x 44 mm

Management features		Multicast features	
Switch type *	Managed	Multicast support	✓
Switch layer	L2+	Design	
Quality of Service (QoS) support	✓	Rack mounting *	✓
Web-based management	✓	Form factor	1U
Cloud-managed	✓	Product colour	Black
ARP inspection	✓	Number of fans	3 fan(s)
Configuring Location Settings (CLI)	✓	Certification	CE, FCC, RoHS
System event log	✓	Performance	
Ports & interfaces		Internal memory	512 MB
Basic switching RJ-45 Ethernet ports quantity *	48	Flash memory	32 MB
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Power	
SFP+ module slots quantity	4	Power source *	AC
Console port	RJ-45/Micro-USB	Power supply included *	✓
Network		AC input voltage	100 - 240 V
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3at, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z	AC input frequency	50 - 60 Hz
10G support *	✓	Power over Ethernet (PoE)	
Port mirroring	✓	Power over Ethernet (PoE) *	✓
Flow control support	✓	Power over Ethernet (PoE) ports quantity	48
Link aggregation	✓	Power over Ethernet (PoE) power per port	30 W
Broadcast storm control	✓	Total Power over Ethernet (PoE) budget	500 W
Rate limiting	✓	Operational conditions	
Spanning tree protocol	✓	Operating temperature (T-T)	0 - 40 °C
Head-of-line (HOL) blocking	✓	Storage temperature (T-T)	-40 - 70 °C
VLAN support	✓	Operating relative humidity (H-H)	10 - 90%
Data transmission		Storage relative humidity (H-H)	5 - 90%
Switching capacity *	176 Gbit/s	Heat dissipation	2169.2 BTU/h
Forwarding rate	130.9 Mpps	Weight & dimensions	
		Width	440 mm

Data transmission		Weight & dimensions	
MAC address table *	16000 entries	Depth	330 mm
Store-and-forward	✓	Height	44 mm
Jumbo frames support	✓	Packaging data	
Jumbo frames	9216	Cables included	AC
Security		Quick start guide	✓
DHCP features	DHCP client, DHCP relay, DHCP server	Rack rails	✓
Access Control List (ACL)	✓	Package width	440 mm
IGMP snooping	✓	Package depth	528 mm
MAC address filtering	✓	Package height	100 mm
Static port security	✓	Package weight	6.48 kg
SSH/SSL support	✓	Logistics data	
BPDU filtering/protection	✓	Harmonized System (HS) code	85176990
IP-MAC-Port binding	✓		
Authentication	Auto VLAN, Guest VLAN		



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