



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

Brand : TP-Link

Product code: TL-SG3452X

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



48x 10/100/1000 Mbps RJ45, 4x 10G SFP+, RJ45 Console Port, Micro-USB Console Port, 176 Gbps, 130.9 Mpps, 16 K Mac, 9 KB Jumbo Frame, 440 x 220 x 44 mm

TP-Link JetStream 48-Port Gigabit L2+ Managed Switch with 4 10GE SFP+ Slots. 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, Console port: RJ-45. MAC address table: 16000 entries, Switching capacity: 176 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ad. Rack mounting, Form factor: 1U



Management features		Security	
Switch type *	Managed	Loop protection	✓
Switch layer	L2+	BPDU filtering/protection	✓
Quality of Service (QoS) support	✓	IP-MAC-Port binding	✓
Web-based management	✓	Authentication	Auto VLAN, Guest VLAN, MAC-based authentication, Port-based authentication
Cloud-managed	✓	Password protection	✓
ARP inspection	✓	Authentication type	AAA, RADIUS, TACACS+
Configuring Location Settings (CLI)	✓	Queue scheduling algorithms	SP, WRR+SP, Weighted Round Robin (WRR)
System event log	✓		
MIB support	RFC1213, RFC2233, RFC1643, RFC1493, RFC2674, RFC2819, RFC2021, RFC2620, RFC2618,	Multicast features	
Public MIB	✓	Multicast support	✓
Huawei-proprietary MIB	✓	Multicast Listener Discovery (MLD) snooping	✓
Ports & interfaces		Protocols	
Basic switching RJ-45 Ethernet ports quantity *	48	Management protocols	SNMPv1/v2c/v3, SNMP
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	GARP VLAN Registration Protocol (GVRP)	✓
SFP+ module slots quantity	4	IPv4 & IPv6 features	IPv4/IPv6 access-control list (ACL), IPv6 Telnet, IPv6 ping, IPv6 tracer
Console port	RJ-45	Design	
Network		Rack mounting *	✓
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ad	Form factor	1U
10G support *	✓	Product colour	Black
Port mirroring	✓	LED indicators	✓
Flow control support	✓	Certification	CE, FCC, RoHS
Link aggregation	✓	Power	
Broadcast storm control	✓	Power source *	AC
Rate limiting	✓	Power supply included *	✓
Spanning tree protocol	✓	AC input voltage	100 - 240 V
Head-of-line (HOL) blocking	✓	AC input frequency	50 - 60 Hz
IPv4 routes	48	Power consumption (max)	32.72 W
IPv6 routes	48		

Network		Power over Ethernet (PoE)	
VLAN support	✓	Power over Ethernet (PoE) *	✗
Virtual LAN features	Private VLAN, Tagged VLAN, VLAN mapping, Voice VLAN	Operational conditions	
Number of VLANs	4000	Operating temperature (T-T)	0 - 45 °C
Data transmission		Storage temperature (T-T)	-40 - 70 °C
Switching capacity *	176 Gbit/s	Operating relative humidity (H-H)	10 - 90%
Forwarding rate	130.9 Mpps	Storage relative humidity (H-H)	5 - 90%
MAC address table *	16000 entries	Heat dissipation	111.65 BTU/h
Static route	✓	Weight & dimensions	
Number of static routes	48	Width	440 mm
Jumbo frames support	✓	Depth	220 mm
Jumbo frames	9000	Height	44 mm
Packet buffer memory	12 MB	Packaging data	
Security		Cables included	AC
DHCP features	DHCP client, DHCP relay, DHCP server	Quick start guide	✓
Access Control List (ACL)	✓	Rack rails	✓
IGMP snooping	✓	Package width	528 mm
IGMP proxy	✓	Package depth	336 mm
MAC address filtering	✓	Package height	100 mm
Static port security	✓	Package weight	4 kg
SSH/SSL support	✓	Logistics data	
		Harmonized System (HS) code	85176990



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