

TP-LINK Omada 32-Port 10GE SFP+ L2+ Managed Switch, Managed, L2+, Rack mounting

L2+ - 32× 10-Gbit/s-SFP+ - 640 Gbit/s - 32 K MAC - 9 KB Jumbo - 440 x 330 x 44 mm

Group	Network Equipment
Manufacturer	TP-LINK
Manufacturer item no.	SX3032F
EAN/UPC	4895252504477



Description

Omada 32-Port 10GE SFP+ L2+ Managed Switch

Easily Build a Whole 10G Multi-gigabit Network

Software Defined Networking (SDN) with Cloud Access

Remotely manage your access points, switches, and gateways across multiple sites all from a single interface.

Main features

	General
Switch type	Managed
Switch layer	L2+
Basic switching RJ-45 Ethernet ports quantity	1
Installed SFP+ modules quantity	32
Console port	RJ-45/Micro-USB
MAC address table	32000 entries
Switching capacity	640 Gbit/s
Networking standards	IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1x, IEEE 802.3ah, IEEE 802.3x
Rack mounting	Yes

Extended details

	Design
Rack mounting	Yes
Product colour	Black
Redundant fans support	Yes
Number of fans	2 fan(s)
	Management features

Switch type	Managed
Switch layer	L2+
Quality of Service (QoS) support	Yes
Cloud-managed	Yes
ARP inspection	Yes
Configuring Location Settings (CLI)	Yes
MIB support	• MIB II (RFC1213) • Interface MIB (RFC2233) • Ethernet Interface MIB (RFC1643) • Bridge MIB (RFC1493) • P/Q-Bridge MIB (RFC2674) • RMON MIB (RFC2819) • RMON2 MIB (RFC2021) • Radius Accounting Client MIB (RFC2620) • Radius Authentication Client MIB (RFC2618) • Remote Ping, Traceroute MIB (RFC2925) • Support TP-Link private MIB
Ports & interfaces	
Basic switching RJ-45 Ethernet ports quantity	1
Installed SFP+ modules quantity	32
Console port	RJ-45/Micro-USB
Data transmission	
MAC address table	32000 entries
Switching capacity	640 Gbit/s
Forwarding rate	240 Mpps
Number of queues	8
Static route	Yes
Number of static routes	128
Number of IP interfaces	128
Jumbo frames support	Yes
Jumbo frames	9
Packet buffer memory	24 MB
Network	
Networking standards	IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1x, IEEE 802.3ah, IEEE 802.3x
Port mirroring	Yes
Flow control support	Yes
Link aggregation	Yes
Broadcast storm control	Yes
Rate limiting	Yes
Spanning tree protocol	Yes
IPv4 routes	48
IPv6 routes	48
VLAN support	Yes

Virtual LAN features	Protocol-based VLAN, SSID-based VLAN assignment, Tagged VLAN, VLAN mapping, Voice VLAN
Number of VLANs	30
	Power
Power source	AC
Power supply included	Yes
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power consumption (max)	49.4 W
	Multicast features
Multicast support	Yes
Number of multicast groups filtered	4000
Multicast Listener Discovery (MLD) snooping	Yes
	Certificates
Compliance certificates	CE, Federal Communications Commission (FCC), RoHS
	Security
DHCP features	DHCP relay, DHCP server, DHCPv6 snooping
Access Control List (ACL)	Yes
IGMP snooping	Yes
Static port security	Yes
SSH/SSL support	Yes
Loop protection	Yes
IP-MAC-Port binding	Yes
Authentication	MAC-based authentication, Port-based authentication
Password protection	Yes
Authentication type	AAA, TACACS+
Queue scheduling algorithms	Priority queuing (PQ), SP, Weighted Round Robin (WRR)
	Packaging content
Cables included	Power
Quick start guide	Yes
	Operational conditions
Operating temperature (T-T)	-5 - 45 °C
Storage temperature (T-T)	40 - 70 °C
Operating relative humidity (H-H)	10 - 90 %
Storage relative humidity (H-H)	5 - 90 %
	Weight & dimensions

Width	440 mm
Depth	330 mm
Height	44 mm
Protocols	
GARP VLAN Registration Protocol (GVRP)	Yes
IPv4 & IPv6 features	Dual stack IPv4/IPv6, ICMPv6, IPv6 TFTP
IP Source Guard (IPSG)	Yes