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





Brand : TP-Link **Product family:** Omada **Product code:** SX3032F

Product name : Omada 32-Port 10GE SFP+ L2+ Managed Switch

- 32× 10 Gbps SFP+ slots
- 640 Gbps switching capacity
- Two internal fixed power supply modules back each other up
- Centralized cloud management via the web or the Omada app†
- Standalone management via web, CLI, SNMP, and RMON
- Static Routing helps route internal traffic for higher efficiency
- VLAN, ACL, QoS, IGMP Snooping, OAM, and DDM
- ERPS supports rapid protection and recovery in a ring topology
- Durable metal casing and rack-mountable design

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

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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.

Management features	
Switch type *	Managed
Switch layer	L2+
Quality of Service (QoS) support	✔
Cloud-managed	✔
ARP inspection	✔
Configuring Location Settings (CLI)	✔
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

Network	
Networking standards *	IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1x, IEEE 802.3ah, IEEE 802.3x
Port mirroring	✔
Flow control support	✔
Link aggregation	✔
Broadcast storm control	✔
Rate limiting	✔
Spanning tree protocol	✔
IPv4 routes	48

Security	
SSH/SSL support	✔
Loop protection	✔
IP-MAC-Port binding	✔
Authentication	MAC-based authentication, Port-based authentication
Password protection	✔
Authentication type	AAA, TACACS+
Queue scheduling algorithms	Priority queuing (PQ), SP, Weighted Round Robin (WRR)

Multicast features	
Multicast support	✔
Number of multicast groups filtered	4000
Multicast Listener Discovery (MLD) snooping	Yes

Protocols	
GARP VLAN Registration Protocol (GVRP)	✔
IPv4 & IPv6 features	Dual stack IPv4/IPv6, ICMPv6, IPv6 TFTP
IP Source Guard (IPSG)	✔

Design	
Rack mounting *	✔
Product colour	Black
Redundant fans support	✔
Number of fans	2 fan(s)

Power	
Power source *	AC
Power supply included *	✔
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz

Network	
IPv6 routes	48
VLAN support	✔
Virtual LAN features	Protocol-based VLAN, SSID-based VLAN assignment, Tagged VLAN, VLAN mapping, Voice VLAN
Number of VLANs	30

Data transmission	
Switching capacity *	640 Gbit/s
Forwarding rate	240 Mpps
MAC address table *	32000 entries
Number of queues	8
Static route	✔
Number of static routes	128
Number of IP interfaces	128
Jumbo frames support	✔
Jumbo frames	9
Packet buffer memory	24 MB

Security	
DHCP features	DHCP relay, DHCP server, DHCPv6 snooping
Access Control List (ACL)	✔
IGMP snooping	✔
Static port security	✔

Power	
Power consumption (max)	49.4 W

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

Packaging content	
Cables included	Power
Quick start guide	✔

Certificates	
Compliance certificates	CE, Federal Communications Commission (FCC), RoHS



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Catalog Object Cloud



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