![tp-link logo]

TP-Link Omada SX3032F Netzwerk-Switch Managed L2+ Schwarz

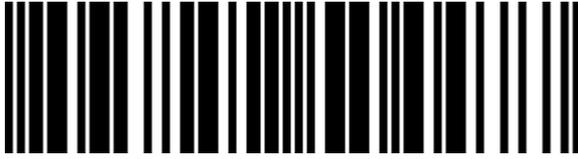**Marke :** TP-Link   **Produktfamilie:** Omada   **Artikel-Code:** SX3032F

Produktname : SX3032F

TP-Link Omada SX3032F. Switch-Typ: Managed, Switch-Ebene: L2+. Anzahl der basisschaltenden RJ-45 Ethernet Ports: 1, Anzahl installierte SFP Module: 32, Konsolen-Port: RJ-45/Micro-USB. MAC-Adressentabelle: 32000 Eintragungen, Routing-/Switching-Kapazität: 640 Gbit/s. Netzstandard: IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1x, IEEE 802.3ah, IEEE 802.3x. Rack-Einbau

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
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

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
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

Data transmission

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	✔

Packaging content

Cables included	Power
Quick start guide	✔

Certificates

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

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