



# TP-Link Omada SX3032F network switch Managed L2+ Black



**Brand :** TP-Link

**Product family:** Omada

**Product code:** SX3032F

**Product name :** SX3032F

- 32x 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
- 32-Port 10GE SFP+ L2+ Managed Switch, 640 Gbps switching capacity, max 49.4W, 100-240V, 50/60Hz

[TP-Link Omada SX3032F network switch Managed L2+ Black:](#)

## 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.

Management features		Security	
Switch type *	Managed	SSH/SSL support	✓
Switch layer	L2+	Loop protection	✓
Quality of Service (QoS) support	✓	IP-MAC-Port binding	✓
Cloud-managed	✓	Authentication	MAC-based authentication, Port-based authentication
ARP inspection	✓	Password protection	✓
Configuring Location Settings (CLI)	✓	Authentication type	AAA, TACACS+
	• 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	Queue scheduling algorithms	Priority queuing (PQ), SP, Weighted Round Robin (WRR)
MIB support		Multicast features	
		Multicast support	✓
		Number of multicast groups filtered	4000
		Multicast Listener Discovery (MLD) snooping	Yes
Ports & interfaces		Protocols	
Basic switching RJ-45 Ethernet ports quantity *	1	GARP VLAN Registration Protocol (GVRP)	✓
Installed SFP+ modules quantity *	32	IPv4 & IPv6 features	Dual stack IPv4/IPv6, ICMPv6, IPv6 TFTP
Console port	RJ-45/Micro-USB	IP Source Guard (IPSG)	✓
Network		Design	
Networking standards *	IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1x, IEEE 802.3ah, IEEE 802.3x	Rack mounting *	✓
Port mirroring	✓	Product colour	Black
Flow control support	✓	Redundant fans support	✓
Link aggregation	✓	Number of fans	2 fan(s)
Broadcast storm control	✓	Power	
Rate limiting	✓	Power source *	AC
Spanning tree protocol	✓	Power supply included *	✓
IPv4 routes	48	AC input voltage	100 - 240 V
IPv6 routes	48	AC input frequency	50/60 Hz
		Power consumption (max)	49.4 W

Network		Operational conditions	
VLAN support	✓	Operating temperature (T-T)	-5 - 45 °C
Virtual LAN features	Protocol-based VLAN, SSID-based VLAN assignment, Tagged VLAN, VLAN mapping, Voice VLAN	Storage temperature (T-T)	40 - 70 °C
Number of VLANs	30	Operating relative humidity (H-H)	10 - 90%
		Storage relative humidity (H-H)	5 - 90%
Data transmission		Weight & dimensions	
Switching capacity *	640 Gbit/s	Width	440 mm
Forwarding rate	240 Mpps	Depth	330 mm
MAC address table *	32000 entries	Height	44 mm
Number of queues	8	Packaging content	
Static route	✓	Cables included	Power
Number of static routes	128	Quick start guide	✓
Number of IP interfaces	128	Certificates	
Jumbo frames support	✓	Compliance certificates	CE, Federal Communications Commission (FCC), RoHS
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	✓		



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