



## 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

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

Easily Build a Whole 10G Multi-gigabit Network

Software Defined Networking (SDN) with Cloud Access

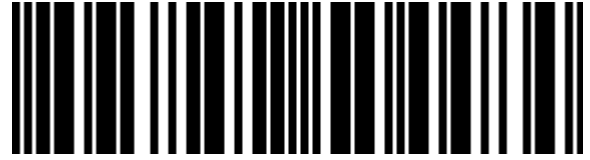
Remotely manage your access points, switches, and gateways across multiple sites all from a single interface.

| 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 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 | 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   |
| 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                         | ✓  | Technical details                           |   |
| Rate limiting                                   | ✓  | Compliance certificates                     | CE, Federal Communications Commission (FCC), RoHS     |
| Spanning tree protocol                          | ✓  | Power                                       |   |
| IPv4 routes                                     | 48   | Power source *                              | AC  |
| IPv6 routes                                     | 48   | Power supply included *                     | ✓   |
| VLAN support                                    | ✓  | AC input voltage                            | 100 - 240 V   |

| Network                   |  | Power                             |            |
|---------------------------|--|-----------------------------------|------------|
| Virtual LAN features      | Protocol-based VLAN, SSID-based VLAN assignment, Tagged VLAN, VLAN mapping, Voice VLAN | AC input frequency                | 50/60 Hz   |
| Number of VLANs           | 30   | Power consumption (max)           | 49.4 W     |
| Data transmission         |  | Operational conditions            |            |
| Switching capacity *      | 640 Gbit/s   | Operating temperature (T-T)       | -5 - 45 °C |
| Forwarding rate           | 240 Mpps   | Storage temperature (T-T)         | 40 - 70 °C |
| MAC address table *       | 32000 entries  | Operating relative humidity (H-H) | 10 - 90%   |
| Number of queues          | 8  | Storage relative humidity (H-H)   | 5 - 90%    |
| Static route              | ✓  | Weight & dimensions               |            |
| Number of static routes   | 128  | Width                             | 440 mm     |
| Number of IP interfaces   | 128  | Depth                             | 330 mm     |
| Jumbo frames support      | ✓  | Height                            | 44 mm      |
| Jumbo frames              | 9  | Packaging data                    |            |
| Packet buffer memory      | 24 MB  | Cables included                   | Power      |
| Security                  |  | Quick start guide                 | ✓          |
| DHCP features             | DHCP relay, DHCP server, DHCPv6 snooping   |                                   |            |
| Access Control List (ACL) | ✓  |                                   |            |
| IGMP snooping             | ✓  |                                   |            |
| Static port security      | ✓  |                                   |            |



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