

## Switch TP-LINK Type L2 16x10GBASE- T/SFP+ Combo 1xRJ45 1 TL- SX3016F



Model: TL-SX3016F

Manufacturer: TP-LINK

EAN: 6935364006433

Product Code: 193589

## R12,473

TP-Link | Omada L2+ managed switches provide high performance, powerful L2 and L2+ features like static routing, enterprise-level QoS, advanced security strategies and a bundle of ISP features. The 10-gigabit ports ensure high-speed data transfer, and their backward compatibility with gigabit products reserves room for network upgrades, therefore guarantees stable and long-term usability. The IP-MAC-Port Binding (IMPB) and Access Control List (ACL) functions protect against broadcast storm, ARP and Denial-of-Service (DoS) attacks, etc. Quality of Service (QoS, L2 to L4) provides enhanced traffic management capabilities to move your data smoother and faster. The OAM function helps facilitate network management. Moreover, the easy-to-use web management interfaces, along with CLI, SNMP and Dual Image mean faster setup and configuration with less downtime. TP-Link |

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Omada L2+ 10-gigabit managed switches provide a reliable, secure solution for enterprise, campus and ISP networks.

- 16× 10 Gbps SFP+ slots
- 320 Gbps switching capacity
- Two 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

Summary: TP-Link Omada 16-Port 10GE SFP+ L2+ Managed Switch. Switch type: Managed, Switch layer: L2+/L3. Console port: RJ-45/Micro-USB. MAC address table: 32000 entries, Switching capacity: 320 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE.... Power connector: DC-in jack. Rack mounting | Vendor Homepage: <https://www.tp-link.com/en/business-networking/omada-switch-l3-l2-managed/sx3016f/> | ARP inspection: Yes | Cloud-managed: Yes | Configuring Location Settings (CLI): Yes | MIB support: RFC2925, RFC2618, RFC2620, RFC2021, RFC2819, RFC2674, RFC1493, RFC1643, RFC2233, RFC1213 | Quality of Service (QoS) support: Yes | Switch layer: L2+/L3 | Switch type: Managed | System event log: Yes | Traffic classification: Yes | Web-based management: Yes | Basic switching RJ-45 Ethernet ports type: No | Console port: RJ-45/micro-USB | Power connector: DC-in jack | SFP+ module slots quantity: 16 | 10G support: Yes | Broadcast storm control: Yes | Flow control support: Yes | Head-of-line (HOL) blocking: Yes | IP routing: Yes | Link aggregation: Yes | Networking standards: IEEE 802.1ab/IEEE 802.1D/IEEE 802.1p/IEEE 802.1Q/IEEE 802.1s/IEEE 802.1w/IEEE 802.1x/IEEE 802.3ad/IEEE 802.3x | Number of VLANs: 4000 | Port mirroring: Yes | Rate limiting: Yes | Spanning tree protocol: Yes | Virtual LAN features: Private VLAN/Protocol-based VLAN/Tagged VLAN/Voice VLAN | VLAN support: Yes | Forwarding rate: 238.08 | Jumbo frames: 9000 | Jumbo frames support: Yes | MAC address table: 32000 | Number of queues: 8 | Packet buffer memory: 24 | Static route: Yes | Switching capacity: 320 | Access Control List (ACL): Yes | Authentication: Guest VLAN,MAC-based authentication,Port-based authentication,Web-based authentication | Authentication type: AAA,TACACS+ | BPDU filtering/protection: Yes | DHCP features: DHCP relay/DHCP server/DHCP snooping/DHCPv6 client/DHCPv6 snooping | IGMP snooping: Yes | IP-MAC-Port binding: Yes | Loop

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protection: Yes | MAC address filtering: Yes | Queue scheduling algorithms: SP/Weighted Round Robin (WRR)/WRR+SP | Security algorithms: HTTPS/SSH/SSH-2/SSL/TLS | SSH/SSL support: Yes | Static port security: Yes | Multicast Listener Discovery (MLD) snooping: Y | Multicast support: Yes | IPv4 & IPv6 features: IPv6 ping/IPv6 Telnet/IPv6 tracer | Management protocols: SNMPv1/v2c/v3, SNTTP | LED indicators: Yes | Product colour: Black | Rack mounting: Yes | AC input frequency: 50/60 | AC input voltage: 100 - 240 | Power consumption (max): 32.74 | Power source: AC | Power supply included: Yes | Power over Ethernet (PoE): No | Heat dissipation: 111.71 | Operating relative humidity (H-H): 10 - 90 | Operating temperature (T-T): 0 - 45 | Storage relative humidity (H-H): 5 - 90 | Storage temperature (T-T): -40 - 70 | Depth: 220 | Height: 44 | Width: 440 | Cables included: AC | Manual: Yes | Quick start guide: Yes | Rack mount kit: Yes | Package type: Box | Certification: CE, FCC, RoHS | Model: TL-SX3016F | Model name: Omada 16-Port 10GE SFP+ L2+ Managed Switch | Units per Shipping Box: 1 | Unit Calculated Volume: 0.01802 | Unit Calculated Weight: 3.98

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