



## Switch TP-LINK Omada SX6632YF Type L3 26xSFP+ 6xSFP28 1xConsole 2xUSB 3.0 SX6632YF



Model: SX6632YF

Manufacturer: TP-LINK

Product Code: 193408

## R72,921

### What This Product Does

The Omada SX6632YF is a true L3 managed switch with full fiber ports that offers L3 routing, swift 25 Gbps wired speed, stacking, and redundant power supplies, catering to convergence layer demands. It comes with 6x 25 Gbps SFP28 slots, 26x 10 Gbps SFP+ slots, and physical stacking. Integrated with robust security and comprehensive management features, this switch ensures reliable performance for SMB, enterprise, and ISP networks.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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## High-speed Connectivity and Powerful Stacking

6× 25 Gbps SFP28 slots and 26× 10 Gbps SFP+ slots provide up to 820 Gbps switching capacity per unit. Up to 8 units of physical stacking with up to 6560 Gbps switching capacity empowers the networking structure with built-in redundancy and performance.

## Abundant Layer 3 Capabilities

Comes with abundant Layer 3 routing protocols that support a scalable network. Static Routing, RIP, OSPF, ECMP, VRRP, DHCP Server, and DHCP Relay are supported. PIM-DM multicast routing protocol guarantees efficient routing for multicast groups.

## Highly Available

Internal fixed redundant power supplies\* and VRRP make it an ideal choice for reliable networking architecture. ERPS supports rapid protection and recovery in a ring topology.

## Enhanced Security Functions

Defend against a range of network threats with ACL support (IPv4 & IPv6), Dynamic ARP Inspection, IEEE 802.1X, MAB, Port Security, and Secure Shell.

## Omada SDN

Integration into the Omada system brings centralized cloud management and a series of management features such as Zero-Touch Provisioning (ZTP).† The Omada Software Defined Networking (SDN) platform integrates network devices, including access points, switches, and routers, providing 100% centralized cloud management—all controlled from a single interface.

Apart from the ability to be centrally managed via the web or the Omada app, SX6632YF is also easy to manage via an intuitive web-based Graphical User Interface (GUI) or an industry-standard Command Line Interface (CLI). For both management methods, traffic is protected through SSL or SSH encryption. SNMP (v1/v2c/v3) and RMON support enable the switch to be polled for valuable status information and to send traps for abnormal events.

- 26× 10G SFP+ slots and 6× 25G SFP28 slots
- 820 Gbps switching capacity
- Physical Stacking for built-in redundancy and performance

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- L3 features: RIP, OSPF, ECMP, VRRP, PIM-DM, DHCP Server/Relay
- Security Strategies: ACL, Port Security, DoS Defend, 802.1X
- Highly Available with two field-replaceable power supplies\*, VRRP, and ERPS
- Centralized cloud management via the Omada SDN controller
- Standalone management via web, CLI, SNMP, and RMON

Summary: TP-Link SX6632YF. Switch type: Managed, Switch layer: L2+/L3. Console port: RJ-45. MAC address table: 128000 entries, Switching capacity: 820 Gbit/s. Networking standards: IEEE 802.1Q, IEEE 802.1ad, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE 802.3ah. Rack mounting | Vendor Homepage: <https://www.tp-link.com/eg/business-networking/managed-switch/sx6632yf/> | ARP inspection: Yes | Cloud-managed: Yes | Quality of Service (QoS) support: Yes | Switch layer: L2+/L3 | Switch type: Managed | Web-based management: Yes | Basic switching RJ-45 Ethernet ports type: No | Console port: RJ-45 | Number of management ports: 1 | SFP module slots quantity: 6 | SFP+ module slots quantity: 26 | USB Type-A ports quantity: 2 | USB Type-C ports quantity: 1 | 10G support: Yes | IP routing: Yes | Networking standards: IEEE 802.1ad/IEEE 802.1Q/IEEE 802.1s/IEEE 802.1w/IEEE 802.1x/IEEE 802.3ad/IEEE 802.3ah | Port mirroring: Yes | Virtual LAN features: MAC address-based VLAN/Multicast VLAN/Private VLAN/Protocol-based VLAN/Voice VLAN | VLAN support: Yes | Forwarding rate: 610.1 | Jumbo frames: 9000 | Jumbo frames support: Yes | MAC address table: 128000 | Packet buffer memory: 8 | Switching capacity: 820 | Access Control List (ACL): Yes | DHCP features: DHCP Option 82 | IGMP snooping: Yes | MAC address filtering: Yes | SSH/SSL support: Yes | Static port security: Yes | Multicast support: Yes | Management protocols: SNMPv1/v2c/v3 | Number of fans: 4 | Product colour: Black | Rack mounting: Yes | Stackable: Yes | Minimum system requirements: Microsoft® Windows® 98SE, NT, 2000, XP, VistaT / Windows 7/8/10/11, MAC® OS, NetWare®, UNIX® /Linux. | AC input frequency: 50/60 | AC input voltage: 100 - 240 | Number of power supply units: 2 | Power source: AC | Redundant power supply (RPS) support: Yes | Power over Ethernet (PoE): No | Operating relative humidity (H-H): 10 - 90 | Operating temperature (T-T): -5 - 40 | Storage relative humidity (H-H): 5 - 90 | Storage temperature (T-T): -40 - 70 | Depth: 380 | Height: 44 | Width: 440 | Cables included: Power | Quick start guide: Yes | Rack mount kit: Yes | Series: Omada | Model name: SX6632YF | Units per Shipping Box: 1 | Unit Calculated Volume: 0.03058 | Unit Calculated Weight: 10.11

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