TP-Link Omada 24-Port Gigabit Stackable L3 Managed PoE+ Switch with 4 10G Slots

Model: SG6428XHP

Manufacturer: TP-LINK

EAN: 4895252501438

Product Code: 1498177

R50,386

What This Product Does

Omada SG6428XHP is a versatile L3 managed PoE+ switch, offering L3 routing, rapid 10 Gbps connectivity, stacking, and redundant power supplies, ideal for convergence layer applications. It boasts a 720 W PoE budget, 24× gigabit RJ45 PoE+ ports, 4× 10 Gbps SFP+ slots, and physical stacking. With centralized management, robust security, and comprehensive management features, it is a dependable choice for SMB, enterprise, and ISP networks.

IEEE 802.3at/af-compliant Power over Ethernet

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24× IEEE 802.3at/af-compliant PoE ports supply up to 720 W total power to 802.3at and 802.3af devices,* with each port supplying up to 30 W power. Set up wireless access points, surveillance cameras, IP phones, and other PoE devices quickly and easily, without the hassle and cost of installing power cabling. Perpetual PoE ensures an uninterrupted power supply to connected devices even during switch reboots. Additionally, the switch retains PoE power settings across reboots, thanks to fast PoE functionality.

High-speed Connectivity and Powerful Stacking

24× Gigabit RJ45 ports and 4× 10 Gbps SFP+ slots provide up to 128 Gbps switching capacity per unit. Up to 4 units of physical stacking with up to 512 Gbps switching capacity empower 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

Optional field-replaceable and hot-swappable 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

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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, SG6428XHP 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.

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