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TP-Link Omada 48-Port Gigabit Stackable L3 Managed Switch with 6 10G Slots

Model: TL-SG6654X

Manufacturer: TP-LINK

EAN: 4895252501452

Product Code: 840077

R49,444

What This Product Does

Omada SG6654X, a L3 managed switch, offers L3 routing, swift 10 Gbps wired speed, stacking, and redundant power supplies, catering to convergence layer demands. It comes with 48× gigabit RJ45 ports, 6× 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.

High-speed Connectivity and Powerful Stacking

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48× Gigabit RJ45 ports and 6× 10 Gbps SFP+ slots provide up to 216 Gbps switching capacity per unit. Up to 4 units of physical stacking with up to 864 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

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, SG6654X 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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