

TP-Link Omada Pro S6500-24GP4XF network switch Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Grey

Brand: TP-Link Product family: Omada Pro Product code: S6500-24GP4XF

Product name : S6500-24GP4XF



- 24× Gigabit PoE+ RJ45 ports and 4× 10 Gbps SFP+ slots
- Up to 720 W total PoE budget*
- Physical stacking for built-in redundancy and performance
- L3 Features: OSPF, BGP, IS-IS, VRRP, PIM-SM/PIM-DM/PIM-SSM, ECMP, PBR
- Security Strategies: MACsec, Secure Boot, RADSEC, IMPB, SFTP, 802.1X
- Highly available with two field-replaceable power supplies,** VRRP, ERPS, and BFD
- Easy O&M: NETCONF, Configuration Rollback, Hot Patching, and RSPAN
- Centralized cloud management via the web or the Omada app

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



Management features		Security	
Switch type * Switch layer Quality of Service (QoS) support Web-based management Cloud-managed Configuring Location Settings (CLI) System event log	Managed L3 ✓ ✓ ✓	MAC address filtering Static port security SSH/SSL support Loop protection Password protection Authentication type Multicast features	✓ ✓ ✓ AAA, RADIUS, TACACS+
Ports & interfaces		Multicast support	✓
Basic switching RJ-45 Ethernet ports quantity *	24	Design	•
Basic switching RJ-45 Ethernet ports type * SFP+ module slots quantity Console port USB 2.0 ports quantity	Gigabit Ethernet (10/100/1000) 4 RJ-45/USB Type-C 2	Rack mounting * Stackable * Form factor Product colour Number of fans	✓ ✓ 1U Grey 4 fan(s)
Network		Power	4 full(3)
Networking standards * 10G support * Port mirroring Flow control support Link aggregation Broadcast storm control	IEEE 802.1p, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az	Power source * Power supply included * AC input voltage AC input frequency Power consumption (max) Power over Ethernet (PoE)	AC 100 - 240 V 50/60 Hz 916.6 W
Rate limiting Spanning tree protocol Active link detection	* * * *	Power over Ethernet (PoE) * Power over Ethernet (PoE) ports quantity Total Power over Ethernet (PoE) budget	✓ 24 720 W

Network		Operational conditions	
Virtual LAN features	MAC address-based VLAN, Protocol- based VLAN, Voice VLAN	Operating temperature (T-T) Storage temperature (T-T)	-5 - 40 °C -40 - 70 °C
Data transmission		Operating relative humidity (H-H)	10 - 90%
Switching capacity * Forwarding rate	128 Gbit/s 95.2 Mpps	Storage relative humidity (H-H) Heat dissipation	5 - 90% 3125.6 BTU/h
MAC address table *	32000 entries	Weight & dimensions	
Number of queues	8	Width	440 mm
Static route	✓	Depth	420 mm
Jumbo frames support	✓	Height	44 mm
Jumbo frames	9000	Packaging content	
Packet buffer memory	3 MB	Cables included	AC
Security		Quick start guide	✓
DHCP features	DHCP relay, DHCP server, DHCPv6 relay	Rack mount kit	1
Access Control List (ACL)	✓		
IGMP snooping	✓		

Catalog Object Cloud



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