



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



- 24x Gigabit PoE+ RJ45 ports and 4x 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 *	Managed	MAC address filtering	✓
Switch layer	L3	Static port security	✓
Quality of Service (QoS) support	✓	SSH/SSL support	✓
Web-based management	✓	Loop protection	✓
Cloud-managed	✓	Password protection	✓
Configuring Location Settings (CLI)	✓	Authentication type	AAA, RADIUS, TACACS+
System event log	✓	Multicast features	
Ports & interfaces		Multicast support	✓
Basic switching RJ-45 Ethernet ports quantity *	24	Design	
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Rack mounting *	✓
SFP+ module slots quantity	4	Stackable *	✓
Console port	RJ-45/USB Type-C	Form factor	1U
USB 2.0 ports quantity	2	Product colour	Grey
Network		Number of fans	4 fan(s)
		Power	
Networking standards *	IEEE 802.1p, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az	Power source *	AC
10G support *	✓	Power supply included *	✓
Port mirroring	✓	AC input voltage	100 - 240 V
Flow control support	✓	AC input frequency	50/60 Hz
Link aggregation	✓	Power consumption (max)	916.6 W
Broadcast storm control	✓	Power over Ethernet (PoE)	
Rate limiting	✓	Power over Ethernet (PoE) *	✓
Spanning tree protocol	✓	Power over Ethernet (PoE) ports quantity	24
Active link detection	✓	Total Power over Ethernet (PoE) budget	720 W

Network		Operational conditions	
Virtual LAN features	MAC address-based VLAN, Protocol-based VLAN, Voice VLAN	Operating temperature (T-T)	-5 - 40 °C
		Storage temperature (T-T)	-40 - 70 °C
Data transmission		Operating relative humidity (H-H)	10 - 90%
Switching capacity *	128 Gbit/s	Storage relative humidity (H-H)	5 - 90%
Forwarding rate	95.2 Mpps	Heat dissipation	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	✓
Access Control List (ACL)	✓		
IGMP snooping	✓		



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Catalog Object Cloud



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