tp-link

TP-Link Omada Pro S7500-24Y4C network switch Managed L3 Grey

Brand : TP-Link   **Product family:** Omada Pro   **Product code:** S7500-24Y4C

Product name : S7500-24Y4C

- 24× 25 Gbps SFP28 slots and 4× 100 Gbps QSFP28 slots
- 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: Secure Boot, RADSEC, IMPB, SFTP, 802.1X, Port Security
- Highly available with two field-replaceable power supplies,* VRRP, ERPS, 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 25G Stackable L3 Managed Aggregation/Core Switch with 4 100G Slots
TP-Link Omada Pro S7500-24Y4C. Switch type: Managed, Switch layer: L3. Console port: RJ-45/USB Type-C. MAC address table: 128000 entries, Switching capacity: 2000 Gbit/s. Networking standards: IEEE 802.1p. Rack mounting

Management features

Switch type *	Managed
Switch layer	L3
Cloud-managed	✔
Configuring Location Settings (CLI)	✔

Ports & interfaces

Basic switching RJ-45 Ethernet ports type *	✗
Console port	RJ-45/USB Type-C
QSFP28 ports quantity	4
SFP28 ports quantity	24

Network

Networking standards *	IEEE 802.1p
10G support *	✔
Flow control support	✔
Link aggregation	✔
Broadcast storm control	✔
Rate limiting	✔
Spanning tree protocol	✔
Virtual LAN features	IP subnet–based VLAN, MAC address-based VLAN, Port-based VLAN, Protocol-based VLAN, Voice VLAN

Data transmission

Switching capacity *	2000 Gbit/s
Forwarding rate	810 Mpps
MAC address table *	128000 entries
Number of queues	8

Security

MAC address filtering	✔
Static port security	✔
SSH/SSL support	✔
Authentication type	AAA, RADIUS, TACACS+

Design

Rack mounting *	✔
Stackable *	✔
Product colour	Grey
LED indicators	✔
Number of fans	4 fan(s)

Power

Power source *	AC
Power supply included *	✔
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power consumption (max)	137.63 W

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✗

Operational conditions

Operating temperature (T-T)	-5 - 40 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%
Heat dissipation	1658.78 BTU/h

Data transmission

Static route	✔
Jumbo frames support	✔
Jumbo frames	9000
Packet buffer memory	8 MB

Security

DHCP features	DHCP relay, DHCP server
Access Control List (ACL)	✔
IGMP snooping	✔

Weight & dimensions

Width	440 mm
Depth	380 mm
Height	44 mm

Packaging content

Cables included	AC, LAN (RJ-45)
Quick start guide	✔

Catalog Object Cloud