tp-link

TP-Link Omada S7500-48XF4C network switch Managed

Brand : TP-Link   **Product family:** Omada   **Product code:** S7500-48XF4C

Product name : S7500-48XF4C

- 48× 10 Gbps SFP+ 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
S7500-48XF4C - Omada Pro 48-Port 10G Stackable L3 Managed Aggregation Switch with 4× 100G Slots
TP-Link Omada S7500-48XF4C. Switch type: Managed. USB 2.0 ports quantity: 3, Console port: RJ-45.
MAC address table: 128000 entries, Switching capacity: 1760 Gbit/s. Rack mounting

Management features	
Switch type *	Managed
Web-based management	✔
Cloud-managed	✔

Ports & interfaces	
Basic switching RJ-45 Ethernet ports type *	✗
SFP+ module slots quantity	48
Console port	RJ-45
QSFP28 ports quantity	4
USB 2.0 ports quantity	3

Network	
10G support *	✔
Flow control support	✔
Link aggregation	✔
Rate limiting	✔
Spanning tree protocol	✔
Ethernet LAN data rates	1000,10000,40000,100000 Mbit/s
VLAN support	✔

Data transmission	
Switching capacity *	1760 Gbit/s
Forwarding rate	610.1 Mpps
MAC address table *	128000 entries
Jumbo frames support	✔
Jumbo frames	9000
Packet buffer memory	8 MB

Protocols	
Management protocols	SNMPv1/v2c/v3

Design	
Rack mounting *	✔
Stackable *	✔

Power	
Power source *	AC
Power supply included *	✔
AC input voltage	110 V
AC input frequency	60 Hz
Power consumption (max)	86.7 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	295.85 BTU/h

Weight & dimensions	
Width	440 mm
Depth	380 mm
Height	44 mm

Packaging content	
Cables included	AC, LAN (RJ-45)

Security		Packaging data	
DHCP features	DHCP client	Package type	Box
Multicast features			
Multicast support	✔		

Catalog Object Cloud