TP-Link DeltaStream DS-P7501-08 optical line terminal (OLT)

Brand : TP-Link   **Product family:** DeltaStream   **Product code:** DS-P7501-08

Product name : DS-P7501-08

- 8× PON Ports: 8× XGS-PON & GPON combo ports support both XGS-PON and GPON service delivery
- High Scalability: Supports a 1:128 splitting ratio for GPON services and 1:256 for XGS-PON
- High-Speed Uplink Ports: 2× 100G QSFP28 and 2× 25G SFP28 ports offer high-bandwidth uplink connectivity
- Dual Power Supplies: Carrier-class reliability with dual hot-swappable power supplies: AC, DC, or mixed-power supplies
- L2 & Advanced L3 Functions: Rich and robust functions satisfy flexible deployment and scalability needs
- Centralized Management: Supports the management via the DeltaStream PON Management System (DPMS), SNMP, CLI, and Web UI
100G, PON, RJ-45, DHCP, ACL
TP-Link DeltaStream DS-P7501-08. Switching capacity: 100 Gbit/s, GPON split ratio (max): 1:128, Maximum operating distance (GPON): 20000 m. Networking standards: IEEE 802.1x. AC input voltage: 100/240 V, AC input frequency: 50/60 Hz, DC voltage range: 72 V. Width: 440 mm, Depth: 330 mm, Height: 44 mm

Features

Switching capacity	100 Gbit/s
DHCP server	✔
DHCP relay	✔
GPON split ratio (max)	1:128
Maximum operating distance (GPON)	20000 m

Ports & interfaces

Networking standards	IEEE 802.1x
Ethernet LAN (RJ-45) ports	2
GPON ports quantity	8
SFP/SFP+ slots quantity	2

Power

AC input voltage	100/240 V

Power

AC input frequency	50/60 Hz
DC voltage range	72 V
Power consumption (max)	109.2 W

Operational conditions

Operating temperature (T-T)	0 - 50 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%

Weight & dimensions

Width	440 mm
Depth	330 mm
Height	44 mm

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