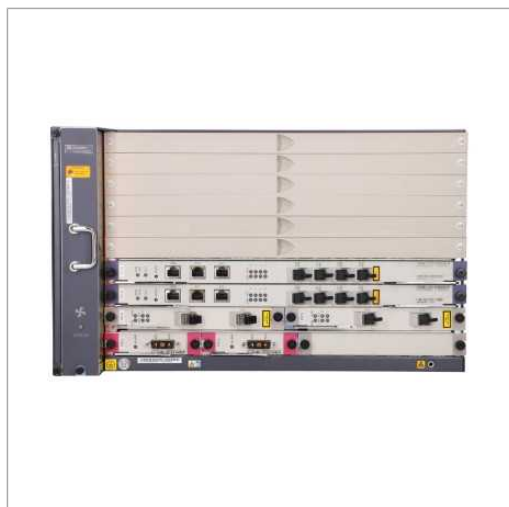




Huawei MA5683T | OLT | 2x X2CS, 2x SCUN, 2x PRTE, no PON board



link to the product:

<https://www.batna24.com/gb/p/olt-and-ont/huawei-ma5683t-olt-2x-x2cs-2x-scun-2x-prte-no-pon-board>

Price: **4,305.00 zł** gross / 3,500.00 zł net



Manufacturer: HUAWEI

Referention number: DNXGFNLKJRMKH



Full product description

Huawei MA5683T: Powerful OLT GPON Terminal

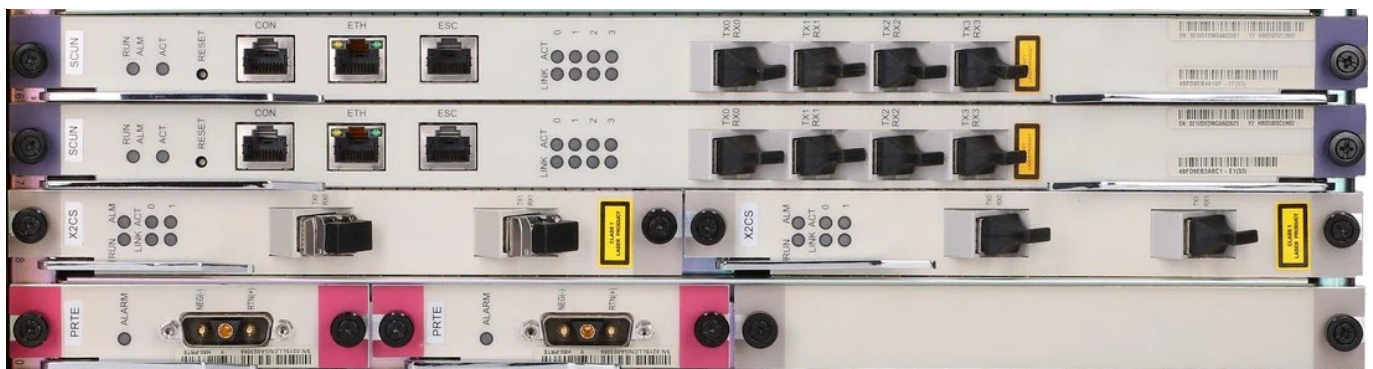
The Huawei MA5683T is an advanced **OLT (Optical Line Terminal)** designed as a key component of GPON access network infrastructure. Housed in a **6U high chassis**, the device provides a scalable foundation for telecom operators. Its architecture allows the installation of up to 6 GPON service boards, which translates into impressive connectivity. Using 16-port boards, the MA5683T is capable of supporting up to 1,288 subscribers, while in an 8-port board configuration the number is 6144. This flexibility in scaling allows the OLT's capacity to be adapted to current and future network needs.



Versatility and flexibility in FTTx

The Huawei MA5683T stands out as an all-in-one platform that integrates optical and copper access. Its versatility is manifested in the following aspects:

- **Support for multiple access technologies:** Support for VDSL, ADSL2 , G.SHDSL, POTS, ISDN, PON (including GPON) and Ethernet P2P.
- **Adaptation to a variety of FTTx scenarios:** Ideal for applications such as FTTC, FTTB, FTTH, FTTO, FTTM.
- **Simplify network architecture:** Enables traffic aggregation from remote devices through high-density GE/10GE interfaces.
- **Smooth migration and TCO reduction:** Facilitates FTTx network evolution, contributing to lower total cost of ownership.



Components of the Kit and Their Functions

The standard Huawei MA5683T kit is comprehensively equipped with components for high performance and reliable operation. It includes:

- **2 PRTE power boards:** operating redundantly at -48V DC, they guarantee continuous power supply to the OLT.
- **2 SCUN (Super Control Unit) control boards:** Form the core of the control unit, they are responsible for system management, service switching and data aggregation. They also act as a management unit within the integrated NMS.
- **2 X2CS uplink boards:** Each equipped with two SFP (10 Gbps) optical ports, providing high throughput for upstream or cascaded connections.
- **MA5683T chassis:** A basic 6U high unit to accommodate all components.
- **Fan module:** Responsible for maintaining proper operating temperature of the unit.
- **Necessary accessories:** Components to facilitate installation and configuration.