



Huawei MA5800-X7 | OLT | 2x MPLA, 2x PILA 10G Uplink modules



link to the product:

<https://www.batna24.com/gb/p/olt-and-ont/huawei-ma5800-x7-olt-2x-mpla-2x-pila-10g-uplink-modules>

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



Manufacturer: HUAWEI

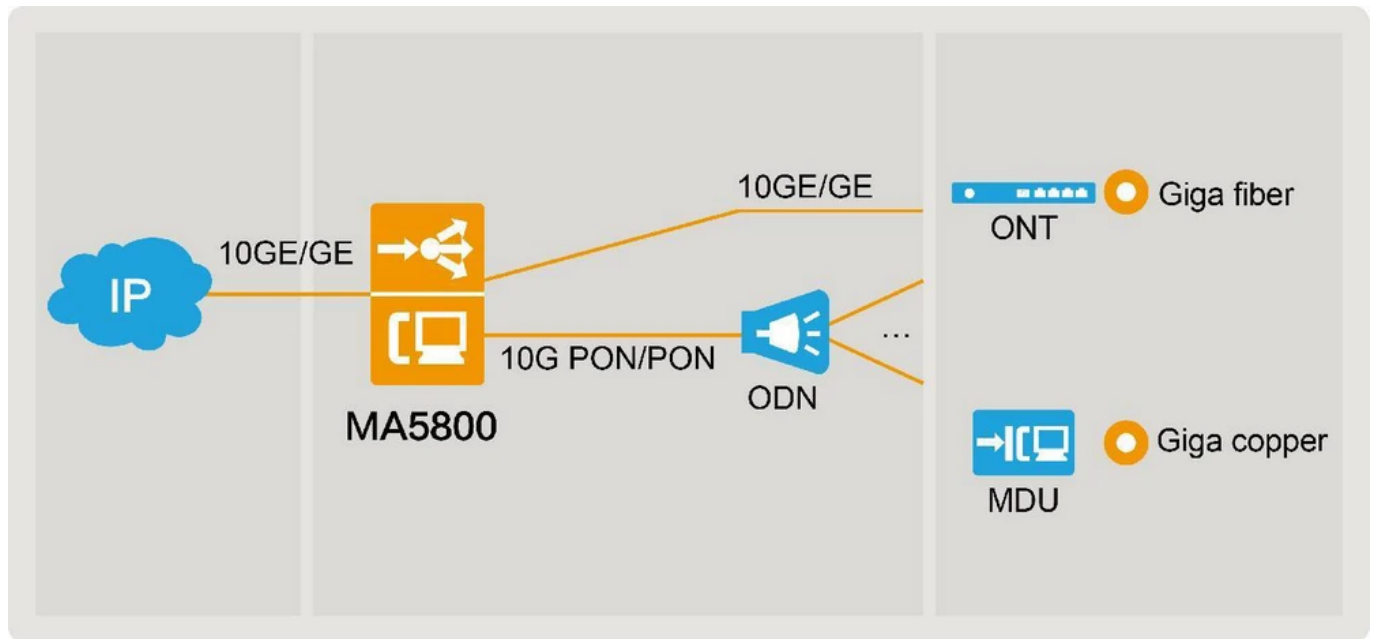
Referention number: DN XFMOQJMRMNJI



Full product description

Huawei MA5800-X7

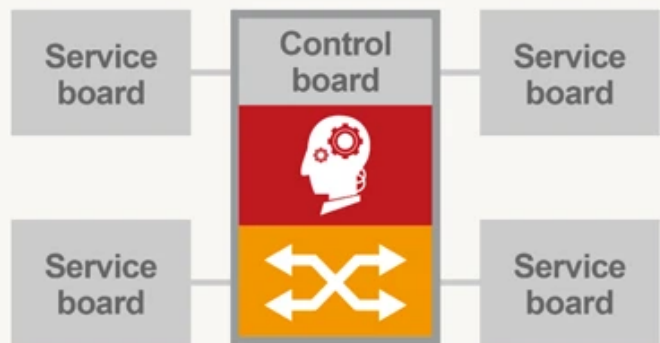
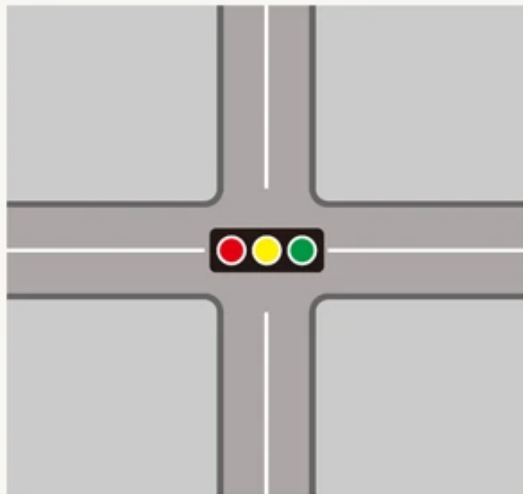
The **Huawei MA5800** is the industry's first intelligent aggregation OLT with distributed architecture, which is positioned as the **next-generation OLT for NG-PON**. The MA5800 OLT series comes in four models **MA5800-X17, MA5800-X15, MA5800-X7 and MA5800-X2**. The chassis is designed to fit the 19" rack standard, the OLT 5800x7 is 6U high and has slots for 7 service boards. The product is designed to help operators create networks with more capacity, higher speeds and smarter connectivity with better service. The OLT terminal provides access to GPON, 10G PON, including XG-PON and XGS-PON, as well as P2P 10GE/GE. The device supports deployment in **FTTH, FTTD, FTTB and FTTC** networks and is applicable to scenarios such as home access, enterprise access, as well as wireless Internet access to combine all services into a single fiber network. **The HUAWEI MA5800 Optical Line Terminal** functions as a high-capacity device in the network, aggregating traffic from ONTs, MDUs and campus switches, simplifying the network architecture.



Distributed architecture

The **Huawei smartax MA5800** uses a distributed architecture, the same as a router, in which service processing on the control board is distributed to each service board, improving system switching capability, **performance and reliability**.

- ◆ **Centralized:** switching and service processing are implemented on the control board (for low traffic scenarios)

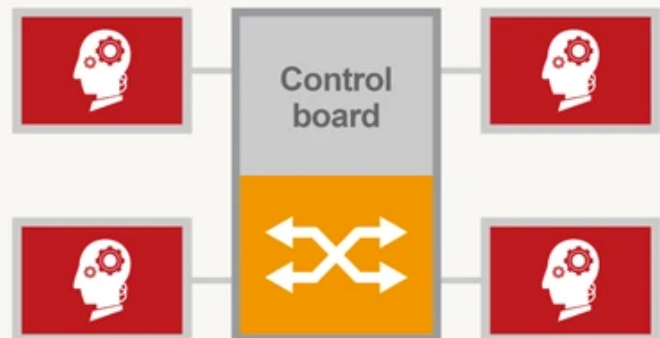
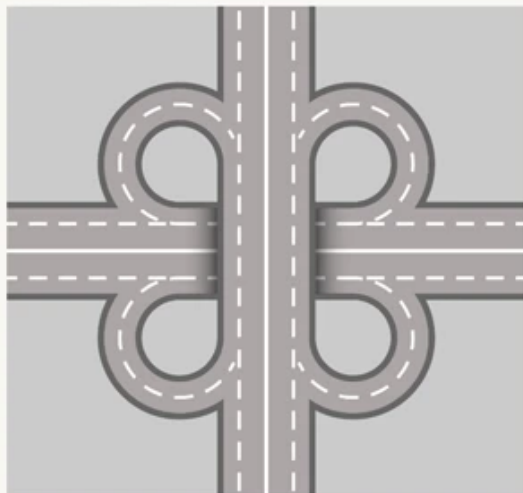


Centralized scheduling

Centralized forwarding table lookup and scheduling limits service throughput and expansion



- ◆ **Distributed:** switching is implemented on the control board and service processing is implemented on service boards (for heavy traffic scenarios)

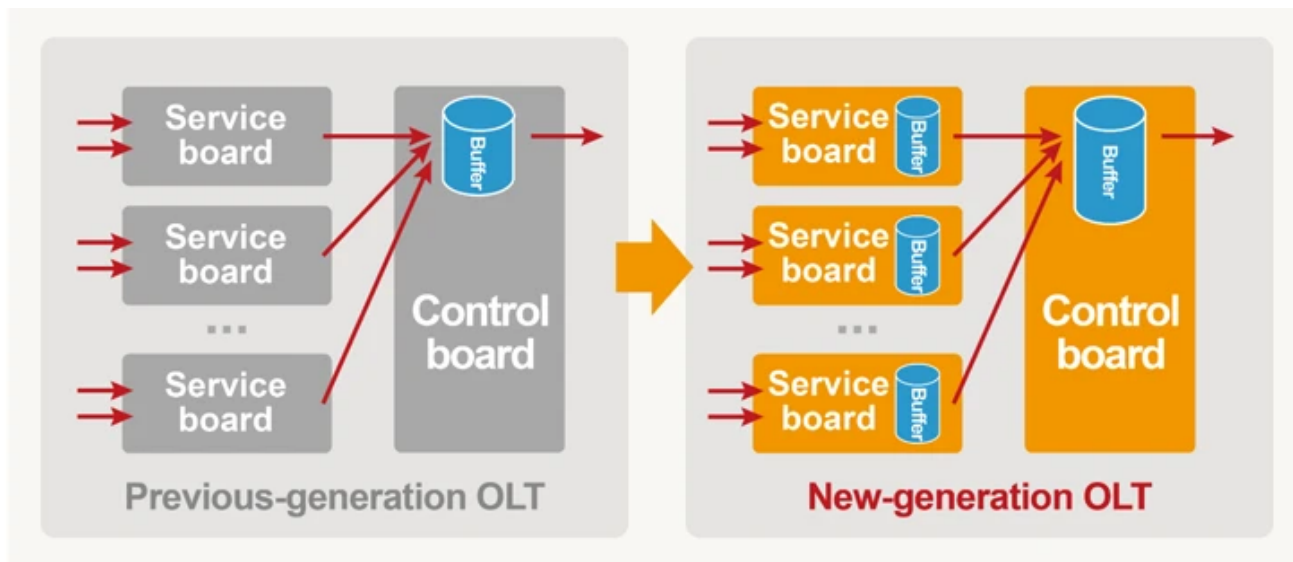


Distributed scheduling

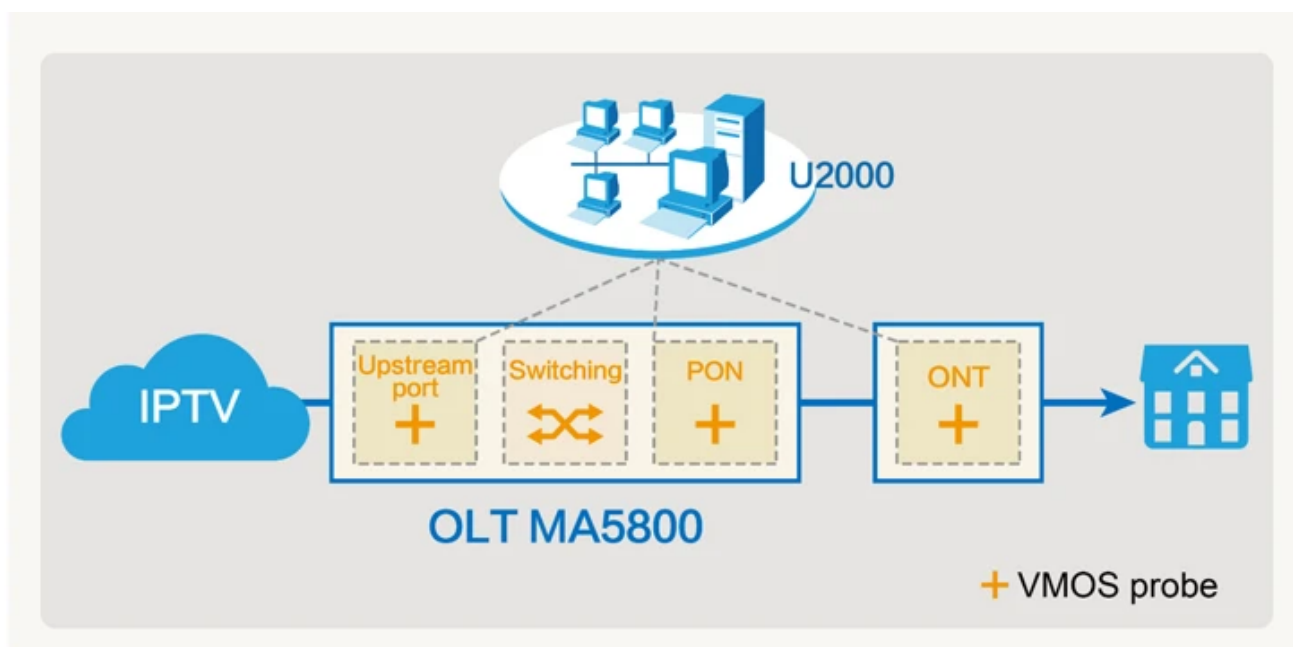
Switching, high service throughput, easy expansion

Optimal video experience

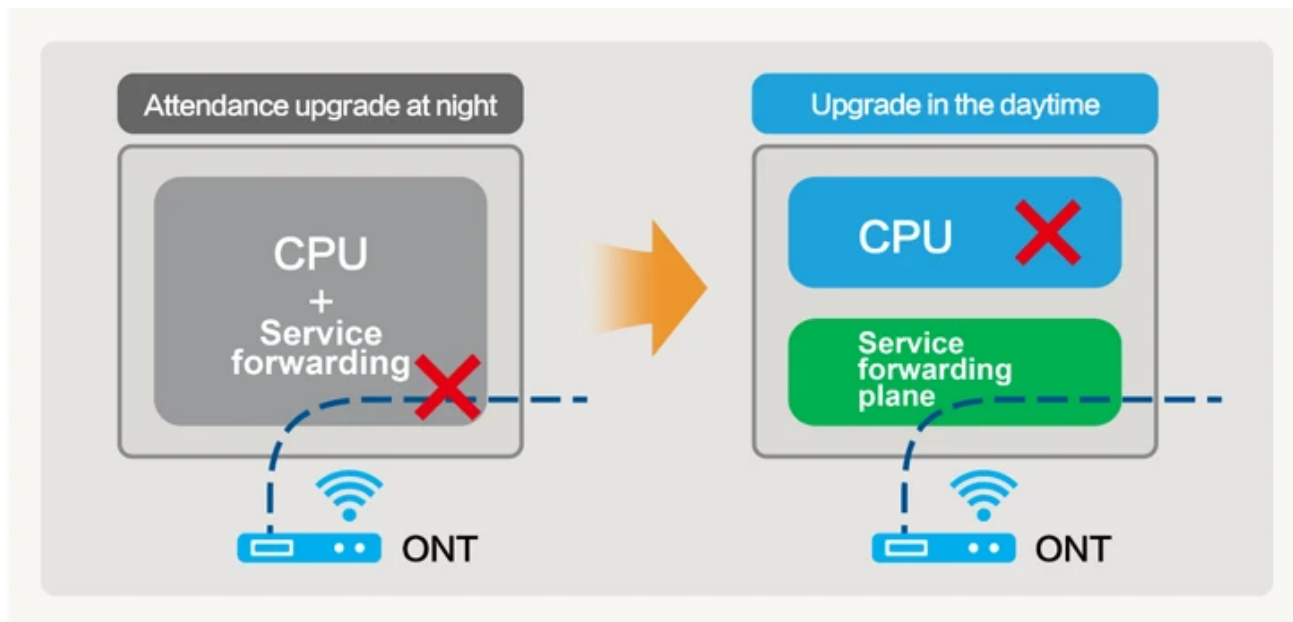
The GPON OLT MA5800 supports a distributed cache for fast **4K/8K** video startup or channel switching.



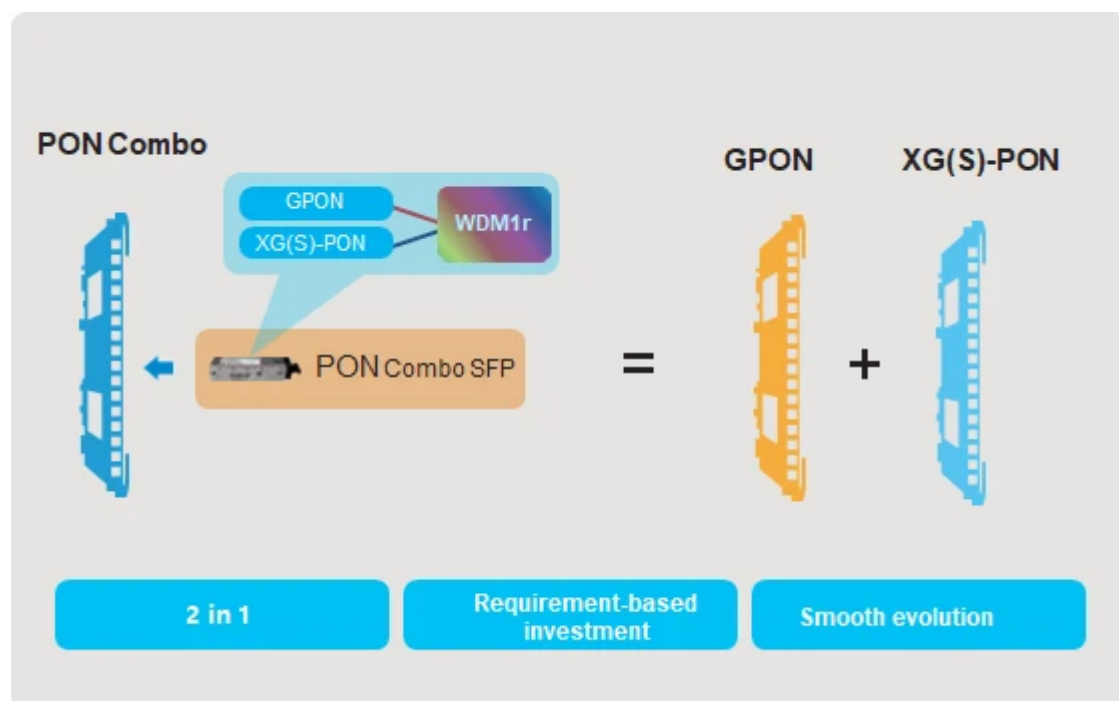
The device also supports **VMOS** video quality monitoring . Built-in probes on the boards are used to collect video indicators, and NMS is used for remote monitoring and performance query monitoring, which **improves video O&M**.



During OLT updates, the video service **is not interrupted**, enhancing the user experience.



With support for **combo PON** technology, the OLT MA5800 terminal can work with an embedded WDM1r optical module to ensure a smooth evolution from **GPON to XG(S)-PON**.



Convenient installation and connection

The **Huawei MA5800-X7** can be mounted in a **19"** wide cabinet. The modular platform is equipped with slots for installing service cards, allowing you to install up to 7 modular GPON cards (16 ports each with gpon SFP C or C modules).

Kit contents

- **6U Huawei OLT GPON MA5800-X7** chassis (huawei MA5800-X7-CH chassis)
- two 10G MPLA board control modules (number of ports : 4 SFP/SFP 1/10G ports each)
- two DC PILA power supply boards at 48V
- fan assembly H901FMLA / H901FMMA



List of compatible boards - additional equipment huawei ma5800x7 gpon olt

- gpon H901GPHF service boards
- gpon H901GPSF service boards
- H901MPLA control boards 4x ge10ge upstream load sharing, 100 Gbps per service board
- control boards H901CKUA
- telecommunications powerhouse model ETP
- H901MPLB control boards 4x ge10ge upstream load sharing, 200 Gbps per service board
- H901NXED 8x 10 GE uplink boards, support for GE / 10GE Ethernet transmission