

**OPTICAL LINE
TERMINAL**



BY FIBER SYSTEM

PRODUCT MANUAL

HUAWEI MA5800 X17

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Product Overview

Huawei MA5800 X17 is a next generation, 40G capacity Optical line Terminal (OLT), has 17 service slots, each service slot has 200G throughput capacity, smoothly evolve to 40G/100G PON. Support up to 8 times MAC address and ARP table than MA5680T, makes service configuration and expansion more easily.

16 ports GPON service board GPSF, 8 ports 10G PON service board XGHD is recommended service board for MA5800 X17, please contact with Thunder-link.com sales team your service ports needed.

Main Characteristics



- Equipped with 2xH901MPLA, 2xH901PILA
- Comes with accessory package
- Huawei MA5800 X17 NG OLT
- Chassis supports 17 Service Slots, 21inch rack mounting
- Supports GPON, 10G PON, smoothly evolve to 40G/100G PON
- Supports 4*GE/10GE upstream ports embedded in Main Control Board MPLA/MPLB

- Supports 16 port GPON interface card GPHF, GPSF
- Supports 8 port 10GPON interface card XGHD, TWED
- Support 262144 MAC address, 65536 ARP table
- Supports over 8 times MAC address and ARP table more than MA5680T
- Supports 1:64 eOTDR
- Supports DOCSIS 3.1 standard

Technical Specifications

Product Specifications

Switching capacity of the system 7 Tbit/s

Maximum bandwidth per slot H901MPLB: 200 Gbit/s
H901MPLA: 100 Gbit/s

Maximum number of MAC address 262144

Maximum number of ARP/routing entries 65536

Maximum number of concurrent 4K video users 16000

GPON ports 272

10G GPON ports 136

GE/FE ports 816

10GE ports 136

Cabinet supported N63E-22



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