H901MPLB Board

The H901MPLB board is a super control unit board for optical access. It is the core for system control and service switching and aggregation.

HUAWEI

Benefits

- Supports active/standby switchover
- Supports load sharing mode, doubling processing performance
- Supports ISSU, saving the upgrade interruption time
- Supports synchronization Ethernet
- Supports 1588v2 and 1588ACR

External Interfaces

- **Management interfaces**
  - **CON (RJ-45)**
    RS-232 serial port
  - **ETH (RJ-45)**
    10/100M Base-T maintenance network port
  - **ESC (RJ-45)**
    RS-485 monitoring serial port
  - **USB**
    Reserved
- **Communication Interfaces**
  - **TX0 RX0 to TX3 RX3 (4 x SFP+/SFP 10GE/GE ports)**
    Used for upstream transmission or cascading

Specifications

Function	
Bandwidth per slot	200 Gbit/s (load sharing mode)
MAC address table	262144
Access ONT	17408
Multicast user	17408
Configurable multicast channel	4096
Concurrent multicast channel	4000
IPv4 routing table	65536
IPv6 routing table	16384
Service port	262144
ARP table	65536
Maximum Frame Size	2052 bytes 9216 bytes (jumbo frame enabled)
Environment	
Operating temperature	-40°C to +65°C
Power consumption	Static: 62 W Maximum: 117 W

📖 **NOTE**

In the preceding table, the routing table and ARP table share the same entries.