

HUAWEI

Huawei MA5800-X2 optical line terminal (OLT)

Brand : Huawei

Product code: MA5800-X2

Product name : MA5800-X2



32 x GPON/EPON, 96 x GE/FE, 16 x 10G GPON/10G EPON, 16 x 10G GE, 64 x E1, 480 Gbit/s, 64K

ARP/Routing Entries

Huawei MA5800-X2. Switching capacity: 480 Gbit/s, Address table size: 262 entries, Switch layer: L2/L3.

Routing protocols: BGP,BGP4+,IS-IS,OSPF,OSPFv3,RIP, Communication protocol: ARP. AC input voltage:

100/240 V, DC voltage range: -38.4 - 72 V. Width: 442 mm, Depth: 268.7 mm, Height: 88.1 mm

| Features | | Features | |
|------------------------------------|-------------|--|--|
| Switching capacity | 480 Gbit/s | Multicast Listener Discovery (MLD) proxy | ✓ |
| Address table size | 262 entries | trTCM-based traffic policing | ✓ |
| Routing entries | 64000 | Queue scheduling algorithms | PQ + WRR,Priority queuing (PQ),Weighted Round Robin (WRR),Weighted random early detection (WRED) |
| Switch layer | L2/L3 | Access Control List (ACL) | ✓ |
| Static route | ✓ | Ports & interfaces | |
| PPPoE Plus | ✓ | GPON ports quantity | 32 |
| DHCP relay | ✓ | 10G-PON ports quantity | 16 |
| Multicast support | ✓ | GE/FE ports quantity | 96 |
| Multicast VLAN | ✓ | E1 ports quantity | 64 |
| IGMP snooping | ✓ | 10G Ethernet ports quantity | 16 |
| Quality of Service (QoS) support | ✓ | Protocols | |
| Traffic shaping | ✓ | Routing protocols | BGP,BGP4+,IS-IS,OSPF,OSPFv3,RIP |
| Traffic classification | ✓ | Communication protocol | ARP |
| Dual stack IPv4/IPv6 | ✓ | Power | |
| DHCPv6 relay | ✓ | AC input voltage | 100/240 V |
| Priority processing | ✓ | DC voltage range | -38.4 - 72 V |
| Virtual routing & forwarding (VRF) | ✓ | Weight & dimensions | |
| IGMP proxy | ✓ | Width | 442 mm |
| | | Depth | 268.7 mm |
| | | Height | 88.1 mm |
| | | Operational conditions | |
| | | Operating temperature (T-T) | -40 - 65 °C |

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