

Huawei MPSA Board Datasheet	
Bandwidth per slot (load balancing mode)	40 Gbit/s (load sharing mode)
Upstream or cascading port	2 x 10GE/GE, 2 x GE ports
Maximum number of MAC addresses	262143
Access ONTs	4096
Multicast users	4096
Static programs	8192
Online programs	IPv4: 8000 IPv6: 2000
Service ports	32768
IPv4 routing table size	65536
IPv6 routing table size	16384
ARP table size	32768
ND table size	16384
Maximum Frame Size	2052 bytes 9216 bytes (jumbo frame enabled)
Ethernet synchronization	Y
1588v2	Y
1588ACR	N
ALM port (Alarm digital parameters)	Yes (7 Boolean value inputs and 1 Boolean value output)
BITS/TOD port	Yes (1 external clock/time input and output)
Dimensions without packaging (H x W x D) [mm]	130.36 mm x 35.28 mm x 258.15 mm
Weight without packaging [kg]	0.71 kg
Static power consumption [W]	30 W
Maximum power consumption [W]	43 W
Maximum Frame Size of Boards (Default) [bytes]	2052 bytes
Maximum Frame Size of Boards (jumbo frame enabled) [bytes]	9216 bytes