

Huawei SmartAX MA5801-FL16-H1 OLT Datasheet

Dimensions (W x D x H) (mm)	Excluding mounting ears: 442 x 220 x 43.6 Including IEC mounting ears: 482.6 x 220 x 43.6 Including ETSI mounting ears: 531 x 220 x 43.6
Maximum fully-loaded weight2	5kg
Power supply mode	DC power supply (dual backup) AC power supply (dual backup)
Working voltage range	DC power supply: -38.4 V to -72 V AC power supply: 100-240 V
Rated voltage	DC power supply: -48 V/-60 V AC power supply: 110 V/220 V
Maximum input current	DC power supply: 6 A AC power supply: 2.5 A
Ambient temperature	-40°C to +65°C The device can start up at a lowest temperature of -25°C.
Ambient humidity	5%-95% RH
Atmospheric pressure	70-106 kPa
Altitude	< 4000 m. The air density varies with the altitude and will affect the heat dissipation of a device. Therefore, the working environment temperature of the device varies with the altitude.
System switching capacity	240 Gbit/s
MAC addresses	32768
Access ONT	2048
IPv4 routing table	8192
IPv6 routing table	4096
ARP table	16384
Bit error rate (BER) in full load	When FEC is enabled, the GPON BER is less than 10 e-10, and the XG(S)-PON BER is less than 10 e-12.
Upstream ports	4GE/10GE
Service ports	16 Flex-PON
System reliability specifications	System availability for the typical configuration: > 99.999% Mean time between failures (MTBF): about 45 years
Power consumption	<ul style="list-style-type: none"> • DC power supply: • Static power consumption: 72W • Typical power consumption: 127W • Maximum power consumption: 228W • AC power supply: • Static power consumption: 73W • Typical power consumption: 128W

- Maximum power consumption: 229W