

## Huawei MA5801-GP16 OLT Datasheet

Brand	Huawei
Model	MA5801-GP16
System switching capacity	140 Gbit/s
MAC addresses	32768
Access ONT	1024
IPv4 routing table	8192
IPv6 routing table	4096
ARP table	16384
Maximum fully-loaded weight (AC)	4.6 kg
Power supply mode	I DC power supply (dual backup) I AC power supply (dual backup)
Working voltage range	I DC power supply: -38.4 V to -72 V I AC power supply: 100-240 V
Rated voltage	I DC power supply: -48 V/-60 V I AC power supply: 110 V/220 V
Maximum input current	I DC power supply: 6 A I AC power supply: 2.5 A
Ambient temperature	-40°C to +65°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.
Bit error rate (BER) in full load	A BER smaller than $10 \times 10^{-7}$ for a port that transmits data in full load
10GE/GE upstream ports	4
Service ports	16 GPON
Power consumption	Static power consumption: 55W Typical power consumption: 95W Maximum power consumption: 140W
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: 535 x 220 x 43.6