

Overview

Huawei SmartAX MA5801-GP16 is a compact and low-density box-shaped OLT providing multiple fiber to the home (FTTH) solutions to meet the requirements of economical and efficient network construction.

Quick Specification

Model	Huawei SmartAX MA5801-GP16
Maximum fully-loaded weight (AC)	4.6 kg
Dimensions (H x W x D)	Without mounting ears: 442 x 220 x 43.6
	With IEC-standard mounting ears: 482.6 x 220 x 43.6
	With ETSI-standard mounting ears: 535 x 220 x 43.6
Power Supply Mode	1 DC power supply (dual backup)
	1 AC power supply (dual backup)
Working Voltage Range	1 DC power supply: -38.4 V to -72 V
	1 AC power supply: 100-240 V
Rated Voltage	1 DC power supply: -48 V/-60 V
	1 AC power supply: 110 V/220 V
Maximum Input Current	1 DC power supply: 6 A
	1 AC power supply: 2.5 A

Product Details:

The Front Panel:



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Features Huawei SmartAX EA5801-GP16 provides:

★ Fixed-Mobile Convergence, Reusing Cabinet Space at Base Stations

When constructing FTTH networks, mobile operators can fully utilize their already deployed backhaul network resources and cabinet space to deploy the product in mobile cabinets and route drop cables at a short distance. In this way, nearby households can be covered rapidly.

★ Universal Coverage, Enabling Rapid Deployment in Low-density Areas

Rural areas have low population densities. In these areas, the MA5801-GP16 can be used together with various optical modules and the one-stop outdoor site solution to implement rapid FTTH network coverage over long distances. In areas where no feeder fibers are routed, the product can be used together with the microwave backhaul solution to implement highly reliable FTTH network access over long distances.

★ Private Line Access in Enterprise Campuses, Supporting Flexible Deployment and Management

Operators can use the product to construct, operate, and maintain optical networks on enterprise campuses. Alternatively, operators can lease optical networks to campuses or enterprises to provide all-optical access services for enterprise campuses.

Get more information:

Do you have any question about SmartAX MA5801-GP16?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

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System switching capacity	140 Gbit/s
MAC addresses	32768
Access ONT	1024
IPv4 routing table	8192

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IPv6 routing table	4096
ARP table	16384
Maximum fully-loaded weight (AC)	4.6 kg
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 10×10^{-7} for a port that transmits data in full load
10GE/GE upstream ports	4
Service ports	16 GPON

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