

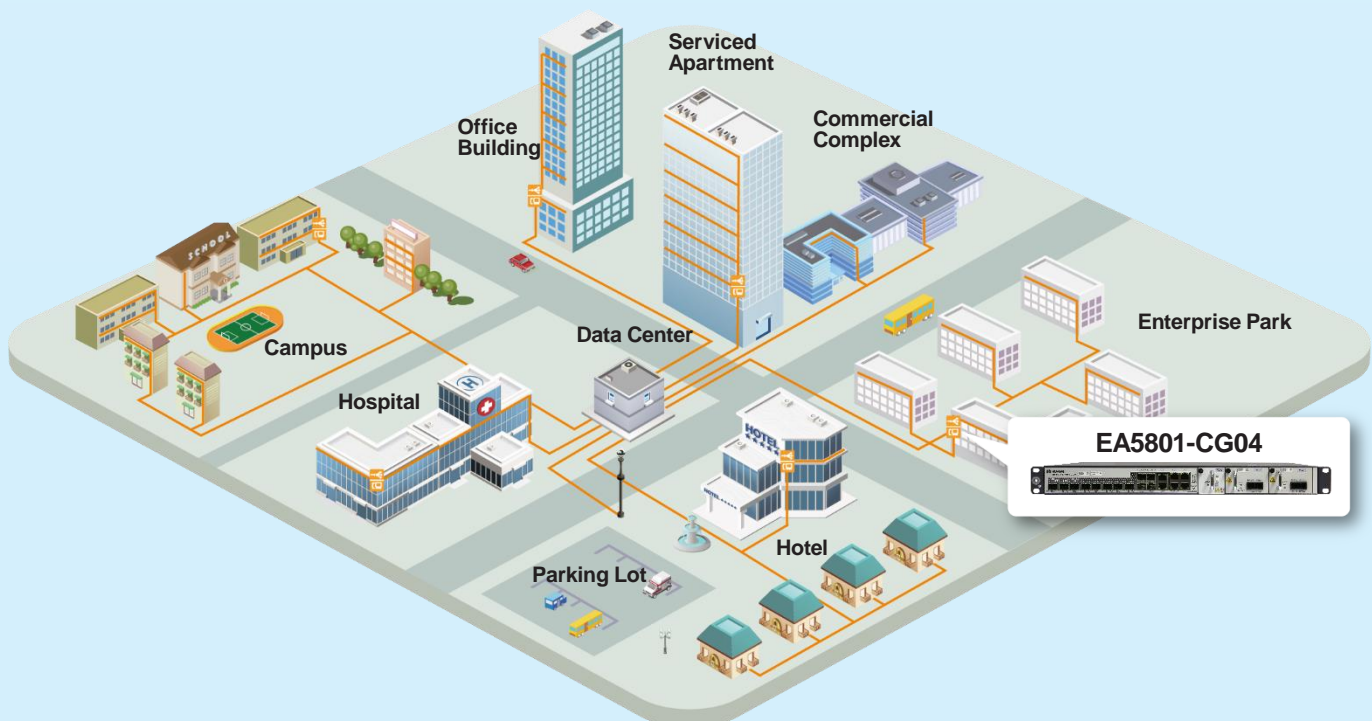
SmartAX EA5801-CG04

Optimized Lightweight OLT for Rapid Network Construction


- The EA5801-CG04 provides XG-PON&GPON combo access, and it provides a unified carrying platform for multiple services, including broadband, voice, video, and monitoring.
- The EA5801-CG04 supports the PON combo technology, and can work with the built-in WDM1r optical module to support smooth evolution from GPON to XG-PON.
- The EA5801-CG04 supports POL and FTTH network construction modes. It carries all services over one fiber network, simplifying network architecture and reducing OPEX.
- The EA5801-CG04 can be installed in indoors or outdoors cabinets. When installed outdoors, it can be easily deployed in high temperatures, conserving man power and cabinet space.

Light-Weight OLT, Adapting to Various Scenarios

The EA5801-CG04 is a box-shaped OLT that requires 1 U installation space, making it applicable to access point convergence on a small scale. It is suitable for lightweight deployment in enterprises. One OLT can meet the service-carrying requirements for an enterprise or campus.



Technical Specifications

Product Specification	 EA5801-CG04
Dimensions (H x W x D)	Without mounting ears: 43.6 mm x 442 mm x 222.3 mm With IEC-standard mounting ears: 43.6 mm x 482.6 mm x 222.3 mm With ETSI-standard mounting ears: 43.6 mm x 535 mm x 222.3 mm
Power supply mode	<ul style="list-style-type: none"> DC power supply (dual for backup) AC power supply (dual for backup)
Working voltage range	<ul style="list-style-type: none"> DC power supply: -38.4 V to -72 V AC power supply: 100 V to 240 V
Rated voltage	<ul style="list-style-type: none"> DC power supply: -48 V/-60 V AC power supply: 110 V/220 V
Maximum input current	<ul style="list-style-type: none"> DC power supply: 6 A AC power supply: 2.5 A
Ambient temperature	-40°C to +65°C* (normal operation) Minimum startup temperature: -25°C *+65°C indicates the temperature of the air intake vent of the service subrack.
Ambient humidity	5% RH to 95% RH
Atmospheric pressure	70 kPa to 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	40 Gbit/s
System Layer 2 packet forwarding rate	13 Mpps
MAC addresses	32768
Access ONT	1024
IPv4 routing table	8192
IPv6 routing table	4096
ARP table	16384
GE upstream ports	2 optical/electrical combo ports
10GE/GE upstream ports	2
Number of service ports	4 XG-PON&GPON combo

More

Access products:

<http://e.huawei.com/en/products/fixed-network/access>

Huawei products:

<http://support.huawei.com/enterprise>



Access Products



Huawei Enterprise Support

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