

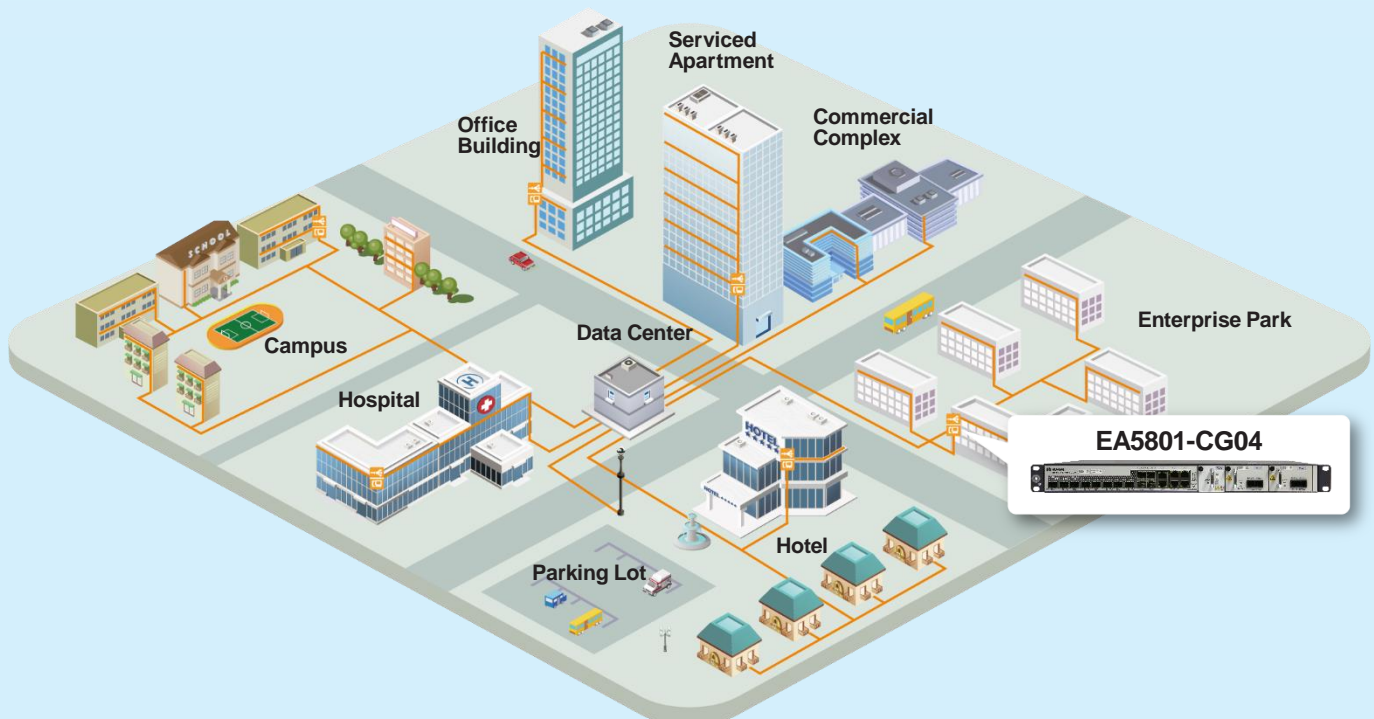
# SmartAX EA5801-CG04

## 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

<b>Product</b>  <b>Specification</b>	 <b>EA5801-CG04</b>
<b>Dimensions (H x W x D)</b>	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
<b>Power supply mode</b>	<ul style="list-style-type: none"> <li>DC power supply (dual for backup)</li> <li>AC power supply (dual for backup)</li> </ul>
<b>Working voltage range</b>	<ul style="list-style-type: none"> <li>DC power supply: -38.4 V to -72 V</li> <li>AC power supply: 100 V to 240 V</li> </ul>
<b>Rated voltage</b>	<ul style="list-style-type: none"> <li>DC power supply: -48 V/-60 V</li> <li>AC power supply: 110 V/220 V</li> </ul>
<b>Maximum input current</b>	<ul style="list-style-type: none"> <li>DC power supply: 6 A</li> <li>AC power supply: 2.5 A</li> </ul>
<b>Ambient temperature</b>	-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.
<b>Ambient humidity</b>	5% RH to 95% RH
<b>Atmospheric pressure</b>	70 kPa to 106 kPa
<b>Altitude</b>	< 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.
<b>System Layer 2 packet forwarding rate</b>	13 Mpps
<b>MAC addresses</b>	32768
<b>Access ONT</b>	1024
<b>IPv4 routing table</b>	8192
<b>IPv6 routing table</b>	4096
<b>ARP table</b>	16384
<b>GE upstream ports</b>	2 optical/electrical combo ports
<b>10GE/GE upstream ports</b>	2
<b>Number of service ports</b>	4 XG-PON&GPON combo

## More

### Access products:

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

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Access Products



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