

ZXA10 C610: 1U High PON OLT Meets Flexible and Cost-effective Ultra-BB Deployment

ZTE



ZXA10 C610:

1U High PON OLT Product Based on TITAN Platform

The ZXA10 C610 is a 1U high PON OLT carders for the requirements of flexible, fast and cost-effective access for FTTx, meeting the scenarios such as sparse/remote/cost-sensitive area coverage, intelligent industry park and commercial building access, and mobile bearing, etc.



16-port Layout



8-port Layout

Interfaces

- **User interfaces**
 - 16 GPON or
 - 8 GPON
- **Uplink interfaces**
 - 4 10GE/GE (Optical) and
 - 2 GE (Electrical)

Compact size, large capacity, the industry's highest density 1U OLT

- ➔ 16 GPON ports, **2048** (1:128) FTTH subscribers
- ➔ **300mm** depth shelf, **doubled** system integration

Powerful capability for ultra-BB deployment

- ➔ **42Gbps** uplink bandwidth **non-blocked service forwarding**
- ➔ **164Gbps** system throughput
- ➔ **128K** MAC address

Meet diversified application scenarios

- Space-limited equipment rooms installation
- Remote areas coverage
- Low-density areas coverage
- Cost-sensitive areas coverage
- Smart parks and business buildings access
- FTTM and sharing the same site/rack with wireless base stations
- Outdoor cabinet installation, working temperature range -40°C-65°C

Cost-effective, help save TCO greatly

- Compact design, easy to install and maintain. Only **1/8** height and weight of large-capacity OLTs
- Dramatically save the investments in trunk fibers, pipe engineering, and facilities like fields, equipment rooms, power supplies and air conditioners, meeting rapid access where trunk fibers and transmission resources are insufficient

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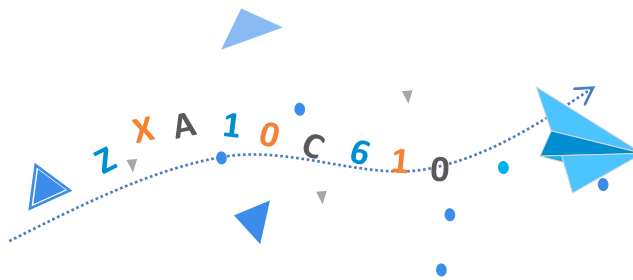
- Supports series of installation modes, including equipment room, basement, outdoor cabinet, pole-mount and others, help reduce the expenditures in equipment room construction and lease payment as well as the maintenance cost

Carrier-class security protection and high-reliability redundancy design

- Supports uplink redundancy protection including LACP, STP, RSTP and MSTP
- Supports Type B protection
- The power card and fan are hot-swappable and support redundant

Technical Specifications

Item	Specification	Item	Specification
10GE uplink interface	4 (Optical, SPF+)	Dimensions (W x H x D)	43.6 mm x 442 mm x 220mm
GE uplink interface	4 (Optical, SPF)+2(Electrical)	Weight	Full configuration: < 8 kg
GPON interfaces	16/8 (SFP)	Installation	Indoor/outdoor cabinets
Power card	2	Power Supply	-48/-60 V DC
FAN card	1 (4 FANS in 1 row)	Operating Current	< 5A
Digital on-off interface	2	Operating Humidity	5% - 95% (Non-condensing)
MTBF	>30 years	Operating Temperature	-40°C - 65°C





Leading 5G Innovations



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