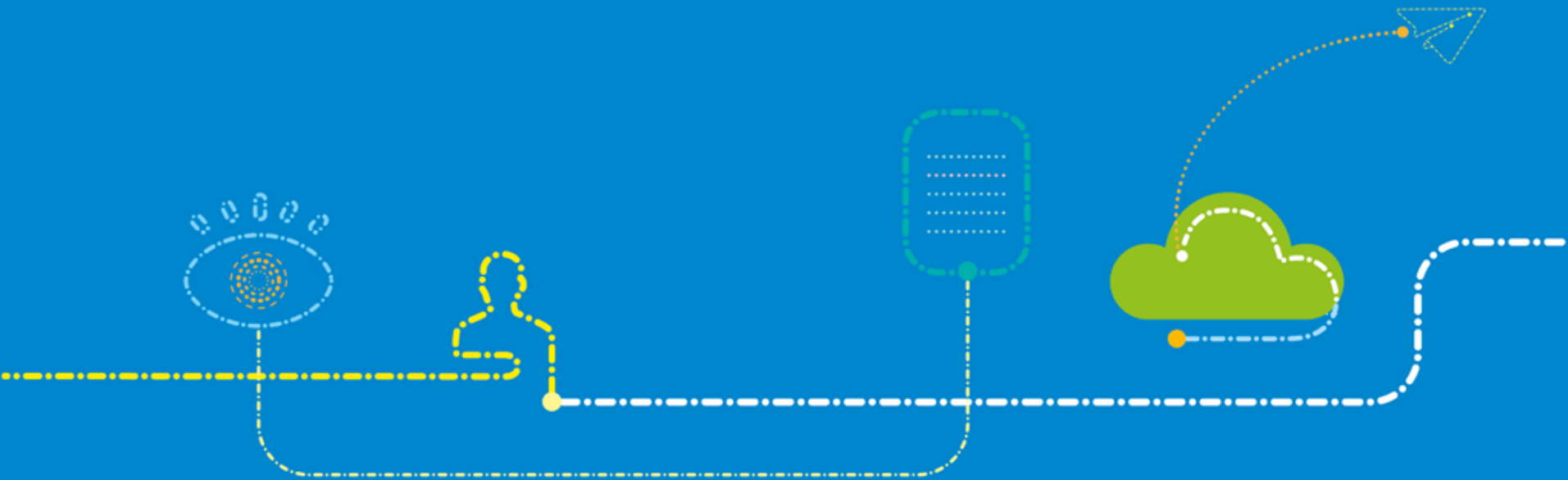


# ZXA10 C320 Product Introduction

V2.0

# ZTE

Tomorrow never waits



# The small-capacity OLT C320 overview

## ZXA10 C320

- **Compact Frame:** 2U height, 19-inch rack installation
- **Unified Platform:** GPON/P2P/XG-PON1
- **User-side Interfaces:** 8/16\*xPON per board, 24/48\*P2P per board
- **Uplink Interfaces:** GE/10GE



### High Reliability

- Hot-swap of the main-control switching card
- Power redundancy: dual DC, AC+DC
- Uplink: LACP/UAPS/RSTP/MSTP/ERPS (G.8032)
- PON protection: Type B, Type C

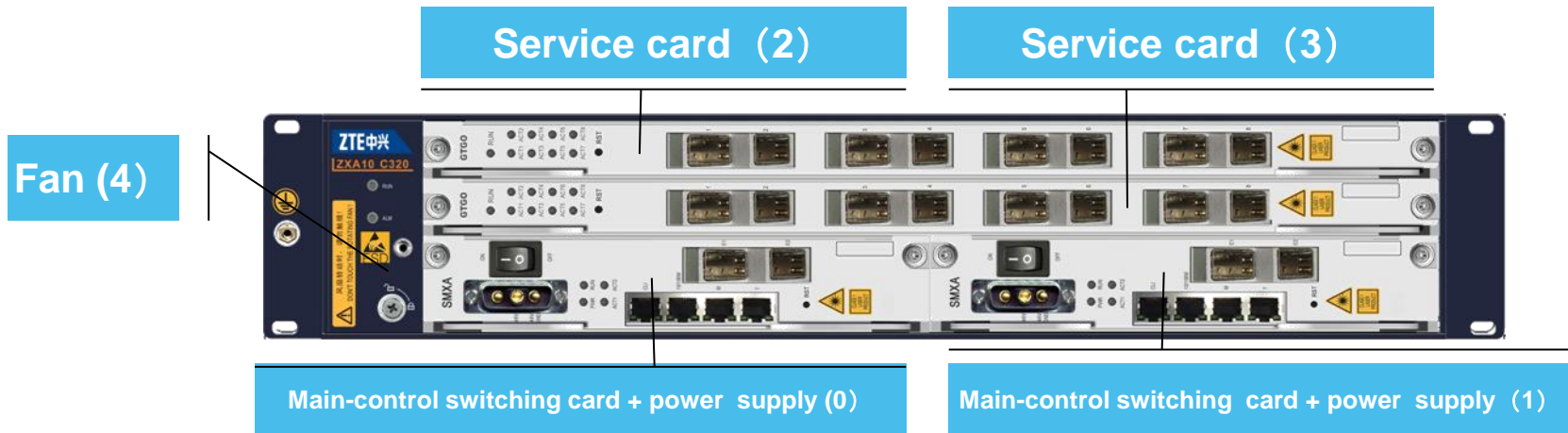
### Compatible with C300

- The software platform, version planning, and command line interfaces are consistent with those of the ZXA10 C300.
- Compatible with the service cards of the ZXA10 C300.

### Enhanced Functions

- S+C VLAN, QoS, multicast, E-OAM
- Sync-E, 1588V2
- Comprehensive Security: PON encryption, user/port isolation, broadcast suppression, IP/MAC binding, anti-spoofing/migration, ACL

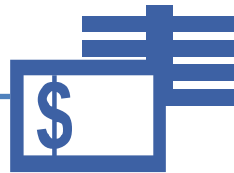
# Product technical specifications



ZXA10 C320	Specifications
Dimensions	86.1 mm (height) x 482.6 mm (width) x 270 mm (depth)
Power Supply	Dual DC: 48V/60V AC: 100V~240V
Cabinet	Indoor: 2200mm x 600mm x 300mm standard cabinet Outdoor: EC90EB, EC70E
Main-Control Switching Card SMXA	Panel interfaces: 1*10GE/GE(optical)+1*GE/FE(Optical)+1*GE/FE(electrical) +1*serial port+1*management FE+1*environment detecting port Ethernet uplink port: MAX. 2*10GE+4*GE or 6*GE
Service Card (2 slots)	GTGO(8*GPON) /GTGH(16*GPON)/FTGK(48*P2P)/GTXO(8*XG-PON1)

# Product value

## Small-capacity ZXA10 C320



### Saving Footprint

- Suitable for installation at the same site with transmission equipment and base stations.
- Suitable for scenarios with limited space.
- Reducing power, air conditioning and reliability requirements.

### Long Distance and Wide Coverage

- Suitable for scenarios with sparse users such as suburbs, small towns and rural areas.
- Suitable for long distance access that requires the OLT be deployed close to the users.
- Suitable for scenarios without enough backbone fiber and where the OLT can not be deployed centrally.

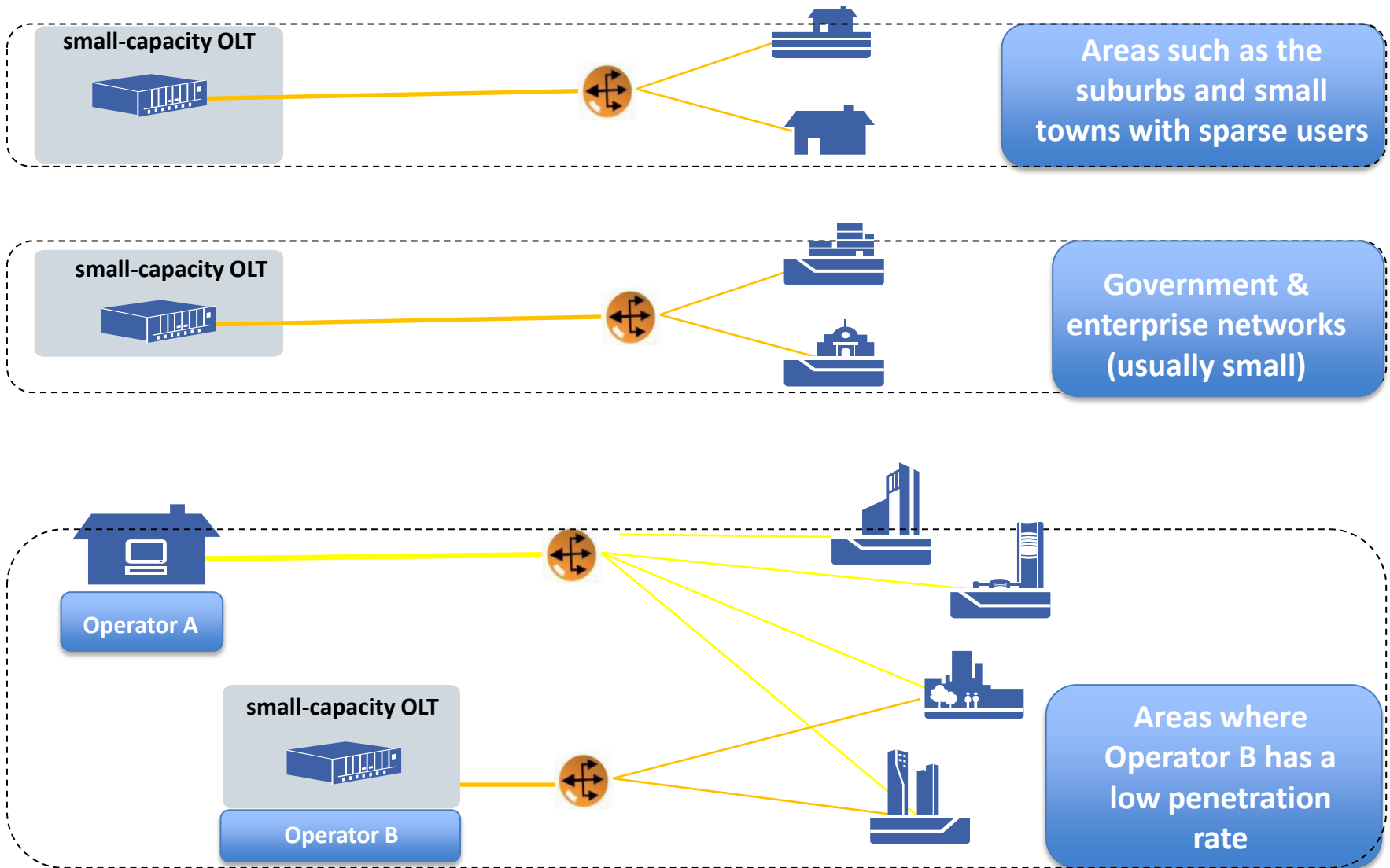
### Reducing Direct/Indirect Costs

- For the same total bandwidth, the backbone fiber required for installing small-capacity OLTs is just 1/5 of that for large-capacity OLTs.
- Reducing configuration costs, enhancing our price competitiveness in government & enterprise network and CPN projects.

### Saving Power

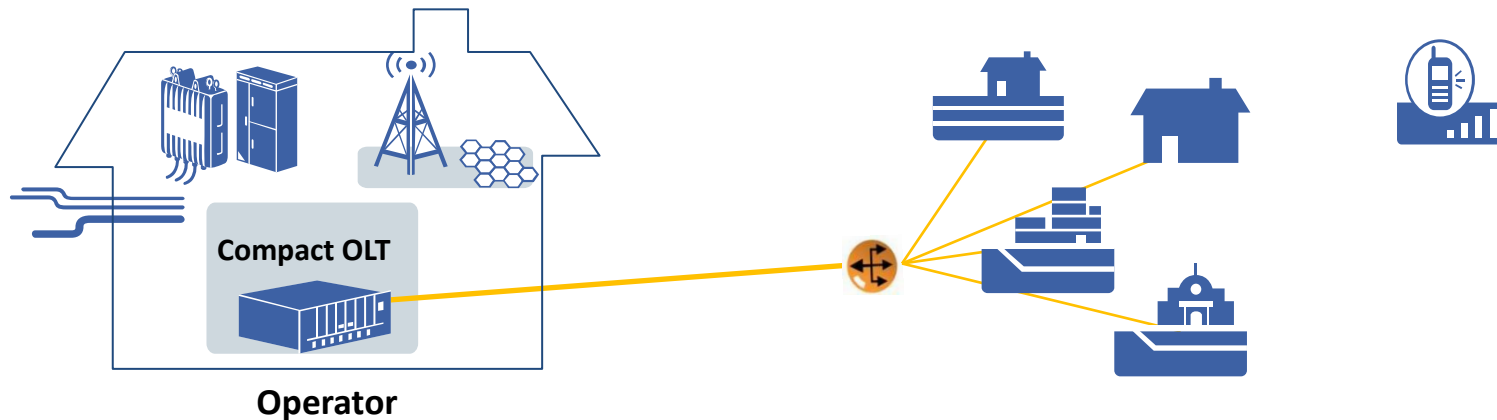
- With the same configuration of PON ports and uplink ports, the power consumption of the small-capacity OLT is 45% less than the large one's.

# Small-Capacity OLT Deployment Scenarios

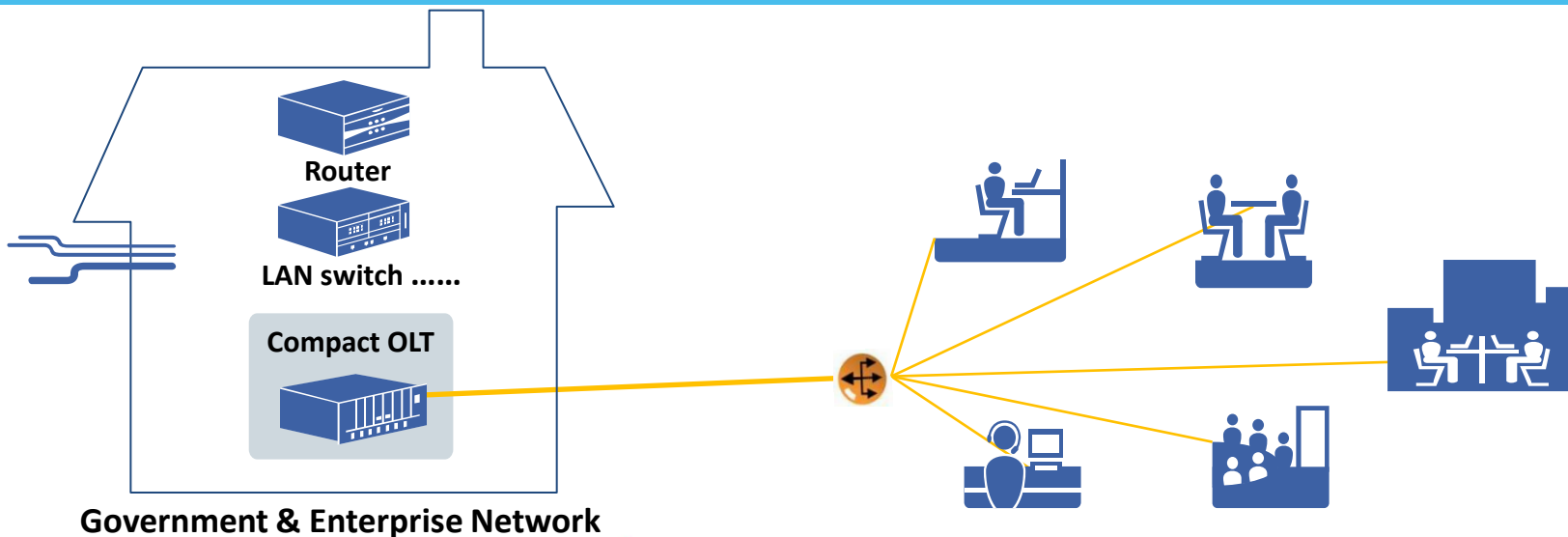


# Compact OLT Saves Footprint and Reduces Support Requirements

Installation at the same site with the transmission equipment and base station.



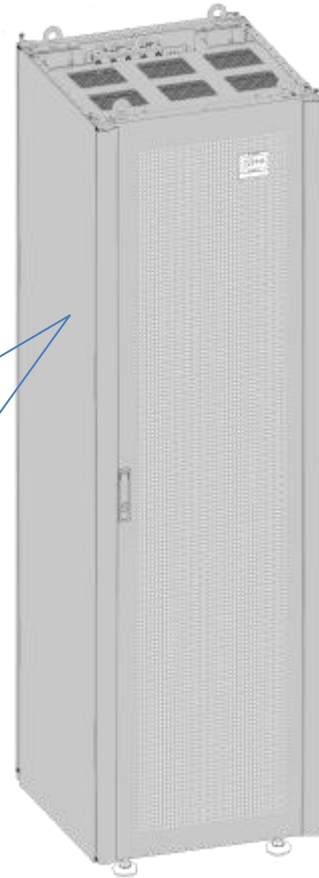
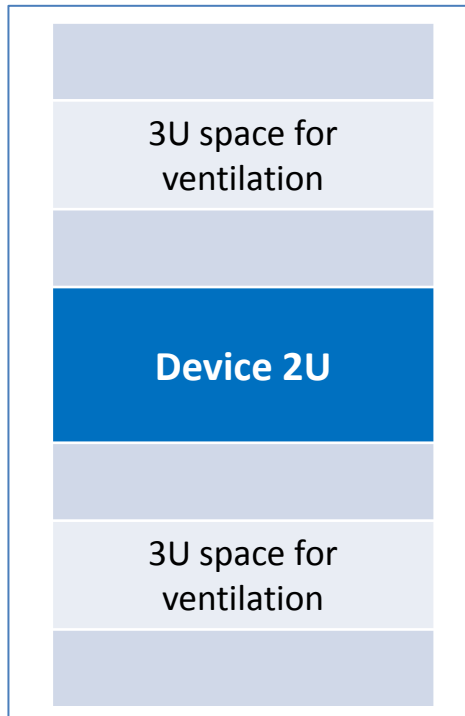
Installation at the same site with other equipment



# C320 indoor installation suggestion



**ZXA10 C320**

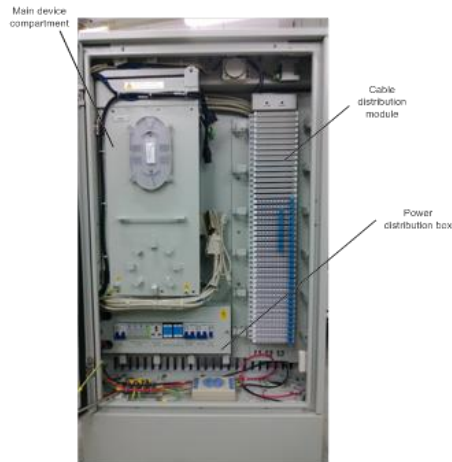


**DC or AC 19-inch  
Front-install Rack**

## Installation Notes

- The single C320 is suggested to be installed in the free space of the existing 19 inch rack.
- Full installation of C320 in the same rack is not better than one C300 considered of economy and uplink resource.

# Outdoor Cabinet for ZXA10 C320 – EC90EB

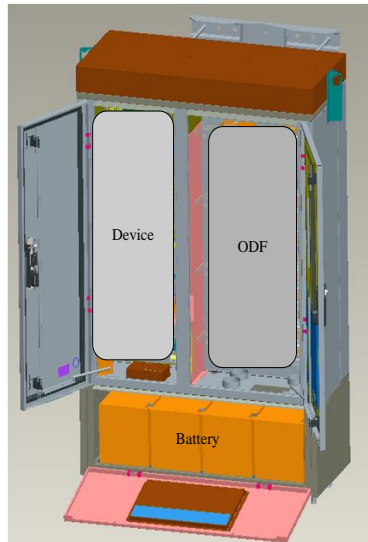
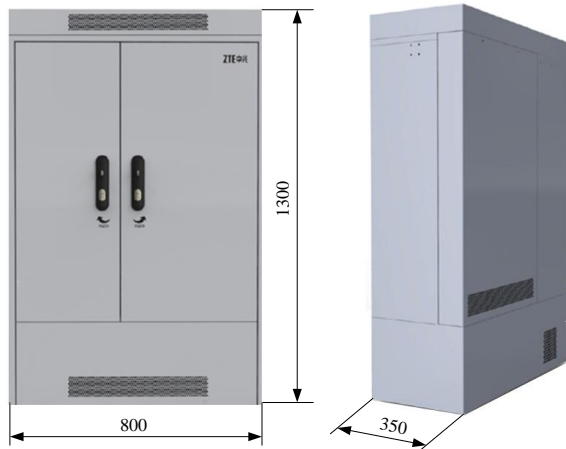


<b>Product configuration</b>	1* ZXA10 C320 shelf
<b>Dimensions (H*W*D)</b>	1200 mm * 650 mm * 250 mm
<b>ODF</b>	9*6-core SC or 108 cores LC
<b>Storage battery</b>	12AH
<b>Installation mode</b>	Wall-mounted/pole-mounted/ground-mounted
<b>Environment detecting module</b>	EMM
<b>Heat dissipation type</b>	No cooling system or external fan
<b>Temperature range</b>	-30°C - +45°C
<b>Protection Level</b>	IP55

As an outdoor telecom cabinet, the EC90EB provides a safe and reliable operating environment for compact integrated access devices such as the ZXA10 C320.



# Outdoor Cabinet for ZXA10 C320 – EC70E



<b>Product configuration</b>	2*ZXA10 C320 shelf
<b>Dimensions (H*W*D)</b>	1300 mm * 800 mm * 350 mm
<b>ODF</b>	48-core SC
<b>Storage battery</b>	24/38/65AH
<b>Installation mode</b>	wall-mounted /pole-mounted/cement platform mounted/elevated platform mounted
<b>Environment detecting module</b>	EMM
<b>Heat dissipation type</b>	Through an enclosed heat exchanger
<b>Temperature range</b>	-40°C - +50°C
<b>Protection Level</b>	IP55

ZTE EC70E Cabinet is an enclosed telecommunications cabinet that features low noise, low power consumption, and less maintenance. It is suitable for compact integrated access equipment such as the ZXA10 C320.

# Thank you



Tomorrow never waits

