



ZTE ZXA10 C320 OLT Product Specification

Brand	ZTE
Model	ZXA10 C320
Backplane capacity	420 Gbit/s
Switching capacity	84 Gbit/s
Number of service cards	2 (GPON/P2P/XG-PON1)
Number of combined control cards	2
Number of power supply cards	1
Number of uplink cards	1 (10GE/GE/FE/E1/T1)
Maximum number of GPON subscribers	4096
Management Interfaces	CLI, SSH, SNMP, telnet
Power	-48 V (DC), 230V (AC)
Working temperature and humidity	-25°C – +55°C, 5% – 95%
Split Ratio	up to 1:128
Range	20-60 km
Maximum attenuation	SFP B+ 28 dB, SFP C+ 32 dB
Dynamic Bandwidth Allocation	NSR-DBA, SR-DBA
Support	FEC, AES128, SCB, OLS
Dimensions	86.1 mm (height) x 482.6 mm (width) x 270 mm (depth)
Power Supply	Dual DC: 48V/60VAC: 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) 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)

ZTE ZXA10 C320 OLT Product Feature

Flexible networking to adapt to multiple deployment scenarios

Long-distance wide coverage: support OLT sinking, long-distance remote installation, mobile bearer, out-of-band and other non-dense access scenarios。suitable for optical access of user groups such as parks, communities, enterprises, townships and villages Multiple networking modes: flexible support for P2P。hand-in-hand, cascading, and ring networking, and other network requirements, rapid deployment of network and services;

Powerful performance for refined operations multicast function

ZTE C320 provides SCB and secondary multicast replication mechanism, perfect and fine and reliable user multicast control mechanism; Complete H-QoS control: ZTE C320 supports



three-level hierarchical H-QoS control based on service provider, household and service, and meets the requirements of Open Access network; high-precision clock time synchronization: ZTE C320 provides IEEE High-precision time and clock synchronization methods such as 1588V2 and synchronous Ethernet.

High reliability, providing a carrier-grade system and business security

Board protection: ZXA10 C320 main control switching, power supply and management work in active/standby or redundant mode; Link protection: optical line PON protection and uplink LACP, load sharing, Liu attribution, STP and ring network protection.

Energy-saving and environmental protection

Energy-saving and low-power design: mining and new-generation chip, intelligent low-power design management in single-board machine, system power consumption monitoring, optical port ALS function, etc., the energy consumption of the same port configuration is lower than that of large OLT 35%|above; Environmentally friendly lead-free materials: European COC, RoHS and other standard specifications and requirements.

ZTE ZXA10 C320 OLT and Related Service Card

[ZXA10 C320](#) Chassis+Fan+2*SMXA/1(DC), accessories

[ZXA10 C320](#) Chassis+Fan+SMXA/1(DC)+PRAM(DC & AC), accessories

[ZXA10 C320](#) Chassis+Fan+2*SMXA/3(DC), accessories

[ZXA10 C320](#) Chassis+Fan+SMXA/3(DC 10G)+PRAM(DC & AC), accessories

[ZXA10 C320](#) Chassis+Fan+SMXA/3(DC 10G)+SMXA/1(DC), accessories

GPON Board / EPON board for ZTE OLT C320

[GTGO](#) 8 ports GPON board with 8 B+ modules.

[GTGO](#) 8 ports GPON board with 8 C+ modules.

[GTGO](#) 8 ports GPON board with 8 C++ modules.

[GTGH](#) 16 ports GPON board with 16 B+ modules.

[GTGH](#) 16 ports GPON board with 16 C+ modules.

[GTGH](#) 16 ports GPON board with 16 C++ modules.

[GTTO](#) 8 ports 10G GPON board with 8 10G GPON modules

[GTXO](#) 8 ports 10G GPON board with 8 10G GPON modules

[ETGO](#) 8 ports EPON board with 8 modules.

[ETGH](#) 16 ports EPON board with 16 modules

[ETTO](#) 8 ports 10G EPON board with 8 10G EPON modules