ZTE ZXA10 C600 OLT is a large-capacity OLT device based on TITAN platform for network reconfiguration, which can meet the needs of ultra-high bandwidth access, large video, fixed-mobile convergence, network reconfiguration, carrier-grade QoS and security assurance.

ZTE ZXA10 C600 OLT Product Overview

ZTE ZXA10 C600 OLT is a 19-inch, 11U height unified platform with 17 service slots that supports multiple access technologies including GPON, XG-PON, XGS-PON, Combo PON, 10G-EPON and GE P2P, as well as smooth migration to 50G PON, and provides L2 switch, VLAN service, L3 routing protocol and service processing capabilities, supporting flexible configurations and suits multiple application scenarios. This OLT comes chassis with 2xcontrol board, 8x10GE uplink, 2xDC power board and 2PCS DC power cables, 1PCS earth cable.

ZTE ZXA10 C620 2U High Compact Optical Access Platform
2 service slots for plugging user-side subscriber cards and network-side line cards.
ZTE ZXA10 C650 6U high equipped with 2xMain Control Board, 2xPRVR DC Power Board
7 service slots for plugging user-side subscriber cards and network-side line cards.
ZXA10 C600 is 11U high optical access equipment, which has 17/15 line card slots and can support 272/240 GPON/10G PON ports.

ZTE ZXA10 C600 OLT Product Pictures

ZTE ZXA10 C600 OLT Product Specifications

Brand	ZTE
Model	C600
Switching capacity of backplane bus (Tbit/s)	14
System switching capacity (Tbit/s)	7.2
Switching capacity of system layer 2 packet forwarding rate	Distributed unblocked forwarding
Switching card switching capacity	3.6 Tbit/s (single switching board SFUL/SFULV/SFUH/SFUHV)
Switching and forwarding delay	Upstream: ≤1500 µs
	Downstream: ≤100 µs

Full load bit error rate	10 e-9 (full load transmission)
Dimensions (mm)	486.1 (H) × 482.6 (W) × 288.5 (D)
Weight(kg)	18 (empty)
	<52 (full configuration

ZTE ZXA10 C600 OLT Product Features

- **The most advanced hardware architecture**
- The control plane is separated from the forwarding plane, the active and standby control planes are redundant, and the forwarding plane is dual-switching plane load sharing.

  Support ISSU and NSR, upgrade, switch 0 interrupt.

  Supports TDM-like forwarding channels, which can meet the ultra-low latency fronthaul requirements of 5G uRLLC services.
- **The industry's highest capacity**

The industry's highest switching capacity and slot bandwidth.

Compatible with multiple generations of PON access technologies and multiple technical directions.

- **SDN, AO/CO reconstruction**

Support Netconf/YANG, smooth evolution of SDN.

Support network slicing.

Supports built-in blades and can be used as NFVI for deploying experience-sensitive services.

- **The industry's first three-in-one Combo PON**

The optical module has built-in WDM1r, and the existing GPON business has zero impact.

GPON ONU or 10G GPON ONU can be deployed on demand.

ZTE ZXA10 C600 OLT and Related Service Boards

GPON			XG-PON	XGS-PON	XG-PON and GPON Combo	XGS-PON and GPON Combo	Port
ZTE	C300/C320/C350	GTGO	GTXO	GTTO	GTBO		8

		GTGH					16
	C600/C650/C680	GFGH	GFXH	GFTH	GFBN/GFBH	GFCH	16