

**ZXA10 C600/C650/C620
Cards Datasheet**





Interfaces

XGE	SFP+ for 10GE uplink interface
USB	Interface for importing/exporting data
MGMT	RJ45 for out-of-band network management interface
Console	RJ45 for maintenance
ODB	RJ45 for local debugging and testing
DIAG	RJ45 for mirroring diagnosis

Features

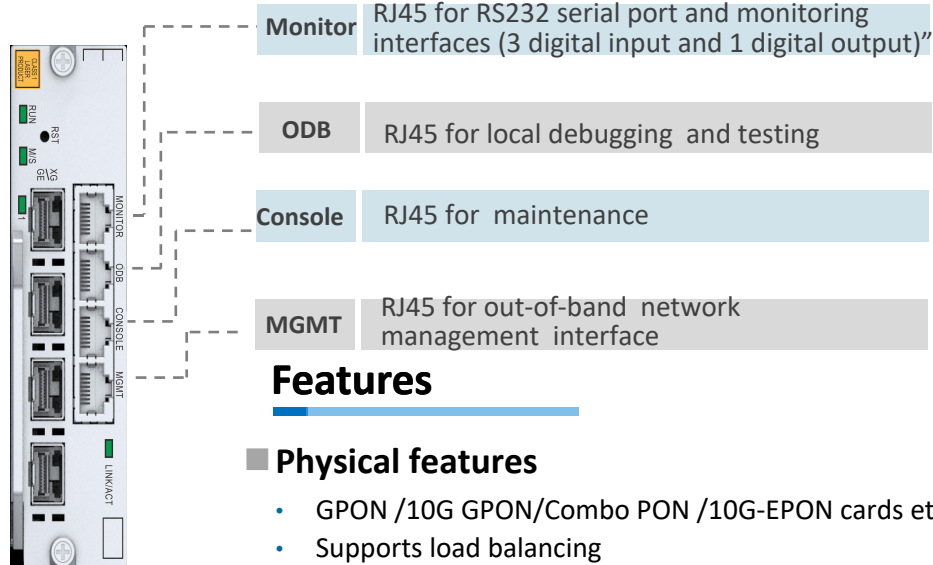
SFUG

- **Physical features**
 - 3.68 Tbit/s switching capacity
 - Provides four 10GE/GE uplink interfaces.
 - Supports load balancing.
 - Support hot swappable
- **IP features**
 - IPv4/IPv6 dual-stack
 - OSPFv2/v3, DHCP v4/v6, IGMP/MLD
 - IPv4/IPv6 routing
 - 1+7 network slice
- **Management features**
 - NetConf
 - CLI/SNMP
- **Power Consumption**
 - GPON: 78W (Maximum)
 - 10G PON: 90W (Maximum)

Specifications

Functions	
Switching capacity	3.68Tbit/s (unidirectional)
MAC address	512K
ARP table	92K
Maximum Multicast Users	32K(C600)/14K(C650)
Environment	
Dimensions	393.1 mm x 30.5 mm x 214 mm
Weight	2.14Kg
Temperature	Operating temperature: -40 °C — 65 °C Start-up temperature: ≥ -25°C

Interfaces



Features

Physical features

- GPON /10G GPON/Combo PON /10G-EPON cards etc.
- Supports load balancing
- 240 Gbit/s uni-directional switching capacity

IP features

- IPv4/IPv6 dual-stack
- OSPFv2/v3, DHCP v4/v6, IGMP/MLD
- IPv4/IPv6 routing

Specifications

Functions	
Switching capacity	240Gbit/s (unidirectional)
MAC address	128K
ARP table	64K
Multicast user quantity	4k(C620)
Environment	
dimensions	128.9 mm × 36.5 mm × 225.7 mm
Weight	0.77Kg
Temperature	Operating: -40 °C — 65 °C Starting: ≥ -25°C

Management features

- NetConf
- CLI/SNMP



HFTL

Interfaces

1~16 Any-PON ports

- Splitting ratio: GPON:1:128; XG-PON/XGS-PON/XG-PON Combo /XGS-PON Combo: 1:256;
- Encapsulation mode: GPON: SFP; XG-PON/XGS-PON/XG-PON Combo /XGS-PON Combo : SFP+;
- Optical module class :
 - GPON: Class B+, Class C+, Class C++, Class D
 - XG-PON: N1, N2a
 - XGS-PON: N1, N2
 - XG-PON Combo : MPM B+, MPM C+
 - XGS-PON Combo : MPM B+, MPM C+

Features

Flexible deployment, saving CapEx

- Choose PON access mode as needed.
- Only change the optical module while no need to change the board.
- ONU deploy on demand.
- Step-by-step investment to protect board resources.

Easy OAM, saving OpEx

- No change ODN & OSS

Specifications

Functions

XGEM/GEM port	4K per port, 64K per card
T-CONT	1K per port, 16K per card
Queue	8K per card
MAC address	512K per card
Adaptive access method	Support
Encryption	AES-128(Bidirection)
H-QoS	Support
ONU remote management	Support
Hot swappable	Support
optical power detection	Support
Auto Laser Shutdown (ALS)	Support

Environment

dimensions	393.1 mm × 23.9 mm × 214 mm
Weight	1.65 kg
Temperature	Operating: -40 °C — 65 °C Starting: ≥ -25°C



Thanks

Leading 5G Innovations