Overview

ZTE SCXL Control Card is control and switch card for ZTE ZXA10 C300 OLT. ZTE ZXA10 C300 is an optical-access platform with large capacity and high density. Numerous access approaches are supported and the triple-play services can be realized. The customized scenarios are provided for various networks demands.

SCXL: supports 800 Gbps switching capacity and 32 K MAC address table.

SCXM: supports 480 Gbps switching capacity and 32 K MAC address table.

SCXN: supports 480 Gbps switching capacity, 64 K MAC address table, and VoIP function (with VoIP daughter-card)。

Quick Specification

Model	ZTE SCXL
GE1–GE4/XG1–XG4	GE/10GE optical interface, for uplink
SD	SD socket, for importing/exporting data
CLI	RS-232 port, for local debugging
10/100M	RJ45 interface, for out-of-band network management
DIAG	RJ45 interface, for mirroring service traffic
Dimensions	395.5 mm × 25 mm × 225 mm (Height × Width × Depth)

Product Details:

The Front Panel:

SCXN Control Card Product Features:

- Compatible with ITU G.984.x
- Support ITU-T G.987.x and G.988
- Support Optical Laser Supervising (OLS)
- Physical reach: 20~60km
- GPON Transceiver power: Class B+ and Class C+
- XG-PON1 Transceiver power: N1, N2a
- Support Type B and Type C protection
- Support SR-DBA and NSR-DBA
- Downstream and upstream FEC
- Support AES128 encryption
- Support SCB (Single Copy Broadcast)
- Full G.984.4 OMCI Stack
- Support migration to NG PON2

Get more information:

Do you have any question about the SCXL?

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Specific Data Sheet:

Control and switching cards	SCTM – Suitable for XGPON1, supports 16 port GPON cards, higher switching power, 4x 10GE uplink interface, 2x management interface
	SCXN – Supports 16 port GPON cards, 4x GE uplink interface, 2x management interface
	SCXM– supports 480 Gbps switching capacity and 32 K MAC address table.
	SCXL – No uplink interfaces, 2x management interface
GPON cards	GTXO – 4/8 XGPON1 ports, split ratio up to 1:256
	GTGO – 8 GPON ports, split ratio up to 1:256
	GTGH – 16 GPON ports, split ratio up to 1:128
	FTGK – 48 P2P ports (WDM) or 24 GE ports (separated fibres for uplink/downlink)
Uplink cards	GUFQ – 4x SFP (GE)
	GUSQ – 2x SFP (GE), 2x RJ45 (GE)
	XUTQ – 4x SFP (10GE)
	HUTQ – 4x SFP (2x10GE, 2xGE)
	HUVQ – 4x SFP (2x10GE/GE, 2xGE/FE)
Power consumption	SCXL (without uplink interfaces): 90 W
	SCXM (with uplink interfaces): 70 W

	SCXN (without uplink interfaces): 62 W	
Dimensions	395.5 mm × 25 mm × 225 mm (Height × Width × Depth)	
Weight	SCXL: 1.14 kg	
	SCXM: 1.132 kg	
	SCXN: 1.132 kg	
GE1–GE4/XG1–XG4	GE/10GE optical interface, for uplink	
SD	SD socket, for importing/exporting data	
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