

Overview

ZTE ZXA10 SCXN is the core part for ZXA10 C300, and it monitors and controls the entire system and performs non-blocking switching of all line cards

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).

ZTE ZXA10 C300 OLT is the world's first future-proof and largest capability optical access platform, is developed with mass optical access roll-out as well as the economy in mind. Its powerful functions and high performance.

Quick Specification

Model	ZTE SCXN
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:



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SCXN Control Card Product Features:

- **Switching module**

The switching centre of data service, implements data switching, Ethernet, VLAN, multicast, IP route, QoS, and security functions.

- **Management and control module**

Consists of control software, protocol processing software, overhead processing, Ethernet switching chip, and control CPU, provides interfaces for cards to forcedly download versions and reset hardware/software, provides online detection for cards, implements fan detection and control functions.

- **Clock/time module**

Processes system clock and time, complies with ITU-T G.8262, G.8264, G.781, and RFC 1305.

Get more information:

Do you have any question about the SCXN?

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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)

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Weight	SCXL: 1.14 kg
	SCXM: 1.132 kg
	SCXN: 1.132 kg
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