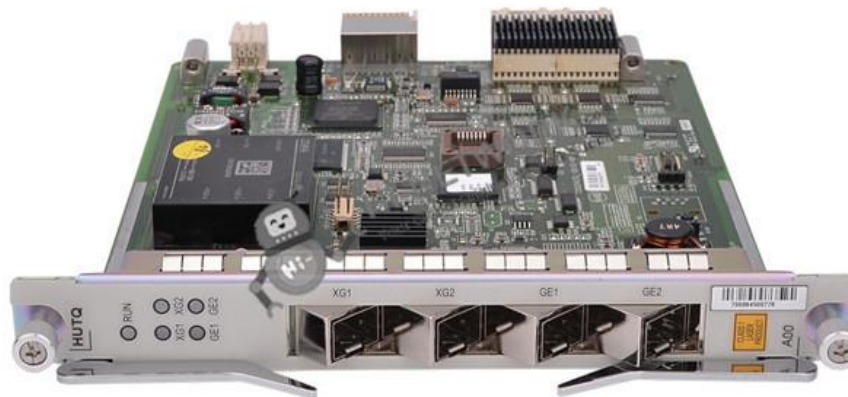# Overview

ZTE FTGK Service Board Is high-density P2P Ethernet interface card and this board provides 48 P2P optical interfaces of 100 Mbps / 1000 Mbps, with a configurable speed. There are four MPO connectors on its panel. And each connector powers 12 P2P optical interfaces. MPO connectors are connected to replaceable optical modules through a fibre optic patch cord

ZXA10 C300 is an optical access platform, developed with mass optical access roll-out as well as the economy in mind. Its powerful functions and high performance make mass FTTx roll-out easier than ever before.

Product Details:

The Front Panel:

FTGK Service Board Product Features:

Chassis Configuration (21")

Total 23 slots

16 slots for universal line cards

2 slots for switch & control cards

2 slots for power cards

2 slots for uplink and cascading interfaces

1 slot for environment detecting card

Chassis Configuration (19")

Total 21 slots

14 slots for universal line cards

2 slots for switch& control cards

2 slots for power cards

2 slots for uplink and cascading interfaces

1 slot for environment detecting card

Subscriber Card Density

GPON card: 8/16 ports per card

P2P card: 24/48 ports per card

XG PON1 card: 8 ports per card

Uplink interface card

4*10GE uplink per card

2*10GE+2*GE uplink per card

4*GE uplink per card

1*STM-4/OC12 or 2*STM-1/OC3 TDM uplink per card

32* E1/T1 uplink card (balanced and unbalanced)

Environment detecting card

2 * Hz/Bit external clock interfaces

5 * Environment detecting interfaces

Get more information:

Do you have any question about the FTGK?

Contact us now via e-mail: info@hi-network.com

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)
	GUFQ – 4x SFP (GE)
	GUSQ – 2x SFP (GE), 2x RJ45 (GE)
Uplink cards	XUTQ – 4x SFP (10GE)
	HUTQ – 4x SFP (2x10GE, 2xGE)
	HUVQ – 4x SFP (2x10GE/GE, 2xGE/FE)

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