

Overview

ZTE ETGH Service Board is designed to increase the number of subscriber units (ONT / ONUs) connected to ZTE optical line terminals (OLTs) like C300 and C320 platforms.

ZTE ETGH Service Board contains 16 optical ports for connecting subscriber devices via the EPON interface (GEPON). In each port, we can install an optical transceiver (transceiver) SFP GEPON OLT PX20 (28dB) or SFP GEPON OLT PX20 + (33dB), transmitting/receiving data with the asymmetric speed of up to 1.25 Gbit / s over a distance of 20 km. The modules use lasers with wavelengths of 1490 nm (transmission) and 1310 nm (reception). The division ratio of each port is 1:64. PON MAC Module

Quick Specification

Brand	ZTE
Model	ETGH
GPON Port	16-EPON Port
Operating Wavelength	Tx: 1490 nm, Rx: 1310 nm
Encapsulation Type	PX 20 PX 20+ PX 20++
Port Rate	Tx: 2.488 Gbit/s, Rx: 1.244 Gbit/s
Optical Connector Type	SC/PC
Optical Fiber Type	Single-mode
Reach	20.00 km
Extinction Ratio	8.2 dB
Weight	1.5KG
Dimensions (W x D x H)	22.86 mm x 237.00 mm x 395.40 mm

Product Details:

The Front Panel:



ETGH Service Board Product Features:

- Formation/disbandment of personnel
- interaction between the ONU and the OLT using the Multipoint Exchange Control Protocol (MPCP); Organization of a MAC port for broadcasting a single copy (SCB);
- dynamic bandwidth allocation (DBA);
- automatic detection, registration and remote testing of subscriber devices (ONU); encryption data using a triple swirl (AES-128);
- direct error correction (FEC);
- administration and maintenance during operation;
- Alarm support between OLT and ONU;
- statistics generation (the number of received/transmitted packets, detected errors)

ETGH Service Board and More Service Boards:

GTGO	8 ports GPON board with 8 B+ modules.
GTGO	8 ports GPON board with 8 C+ modules.
GTGO	8 ports GPON board with 8 C++ modules.
GTGH	16 ports GPON board with 16 B+ modules.
GTGH	16 ports GPON board with 16 C+ modules.
GTGH	16 ports GPON board with 16 C++ modules.

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GTTO	8 ports 10G GPON board with 8 10G GPON modules
GTXO	8 ports 10G GPON board with 8 10G GPON modules
ETGO	8 ports EPON board with 8 modules.
ETGH	16 ports EPON board with 16 modules

Get more information:

Do you have any question about the ETGH?

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

Specific Data Sheet:

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HangZhou Office Tel: +0086-571-86729517

Email: info@hi-network.com

Skype: echo.hinetwork

WhatsApp Business: +8618057156223

