

GFCH Card

16-port XGS-PON & GPON Combo card, provides symmetric 10G/10G and asymmetric 2.5G/1.25G access service.



GFCH

Interfaces

1~16 XGS-PON & GPON combo ports

- Splitting ratio: 1:128
- Encapsulation mode: SFP+
- Optical module class : MPM B+, MPM C+

Features

High bandwidth

- Provide symmetric 10G/10G and asymmetric 2.5G/1.25G access.

High Compatibility

- Coexistence with GPON, XG-PON, and XGS-PON ONUs.

High reliability

- Type B/C protection.
- Optical power detection.
- Support multiple ONU registration and authentication methods.
- Detecting, positioning, shutdown operation of rogue ONU. Ensure the stable operation of business.

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
Maximum differential distance	40 km
FEC	Bidirectional
Encryption	AES-128(Bidirection)
H-QoS	Support
ONU remote management	Support
Optical Layer Supervision (OLS)	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

