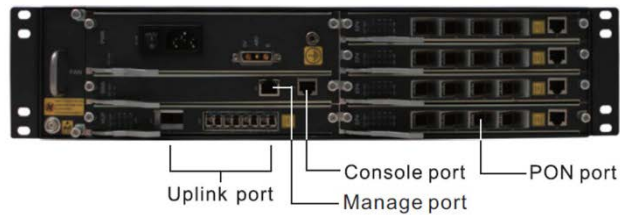


EPON OLT : GE-016E



GE-016 is a miniaturization and modularization GEPON OLT, broadband fiber access system platform, developed. It is fully compliant to IEEE802.3-2005 and Chinese technical requirements of Ethernet Passive Optical Network (EPON). This product supports integrated access service, such as broadband surf-netting, IP voice, IPTV, CATV and etc.

Features :

- With Twin-star bus 10Gigabit core switch backplane, support non-blocking wire-speed switch, support 1.25G EPON optical fiber access.
- 2.5U height, adopt full front-wiring, small size, high capacity, maximum EPON optical fiber interfaces reach up to 16.
- Provide single main control module, single uplink module, single power supply module and 4 service interface modules.
- Support AC/DC dual power supply, with backup power charger and alarm device, support connecting external storage battery directly to do backup power charging Protection.
- Support flexible controllable multi-cast, IGMP Proxy/Snooping and etc. Support strong VLAN extension functions, including VLAN Stacking/Trunk/Translation, etc.
- Support flexible DBA, uplink/downlink service rate-limited, precision up to 0.2% (Standard requirement<5%) Adopt multi LLID and IEEE802.1p technologies, provide multi protection QoS service

Equipment Components

No	Item	Full load Qty	Description
1	Equipment frame	1	OLT equipment frame, including 10Gigabit core switch backplane
2	Main control module (SWA)	1	Hot-swappable module, integrate 1 FE out of band management port, 1 debugging serial port, 10Gigabit class non-blocking switch)
3	EPON interface module (EP4)	4	Hot-swappable 4 EPON interfaces modules, compliant with IEEE802.3-2005 EPON technical standard, support 20km transmission distance (Standard configuration without optical module)
4	Uplink interface module(HUP)	1	Hot-swappable 4 GE interfaces module, SFP slot, support 4GE+10GE XFP(Standard configuration without optical module)
5	Fans module(FAN16)	1	Hot-swappable fans module
6	Power module(PWR)	1	Hot-swappable power supply module supports 220VAC/48VDC (With UPS charger). Builds dual power redundant hot backup with dual power supply

Hardware Features

Equipment parameters	Dimension	486mm (W) × 103mm (H) × 384mm (D)
	Net weightNet	5Kg
	Power consumption	≤40W
	Operating condition	Temperature: 0~ +55℃, humidity: 10 ~ 90% (non-condensed)
	Storing condition	Temperature: -25~ +70℃, humidity: 10 ~ 90% (non-condensed)
Power supply	DC	36 ~ 75 VDC
	AC	36 ~ 75 VDC
Equipment interface	Uplink Ethernet interface	1*10GE(XFP connector), 4*GE interfaces (GE or SFP connectors)
	EPON interface	16*EPON SFP interfaces
	Console debugging interface	1 interface, compliant with RS232 technical standard
	Out-of-band management interface	1 interface, compliant with 100Base-TX technical standard
	Monitor and alarm interface	1 interface, compliant with RS485 technical standard (Support sub-node monitor)