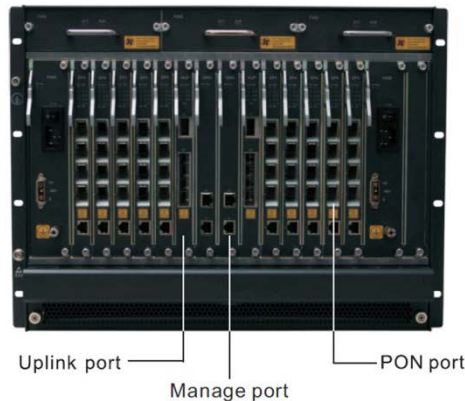


## EPON OLT : GE-040E



GE-040 is a miniaturization and modularization GEAPON 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.
- 8U height, adopt full front-wiring, high capacity, maximum EPON optical fiber interfaces reach up to 40.
- Full-load provide double main control modules, double uplink modules, double power supply modules and 10 service interface modules.
- High reliability, support AC and DC dual power supply, with active/standby switch protection function of power supply module, core switch module and uplink interface module.
- Support flexible controllable multi-cast, IGMP Proxy/Snooping and etc. Support strong VLAN extension functions, including VLAN Stacking/Trunk/Translation, etc.
- Support ONU auto-recognizing, auto-detecting, pre-configuration management, support hybrid MAC and SN authenticate approval function.
- 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)	2	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)	10	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)	2	Hot-swappable 4 GE interfaces module, SFP slot, support 4GE+10GE XFP(Standard configuration without optical module)
5	Fans module(FAN16)	3	Hot-swappable fans module
6	Power module(PWR)	2	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 weight	15Kg
	Power consumption	≤400W
	Operating condition	Temperature: 0~+55°C, humidity: 10~90%(non-condensed)
	Storing condition	Temperature: -25~+70°C, humidity: 10~90%(non-condensed)
Power supply	DC	36 ~ 75 VDC
	AC	176 ~ 264 VAC
Equipment interface	Uplink Ethernet interface	1*10GE(XFP connector), 4*GE interfaces(GE or SFP connectors)
	EPON interface	40*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 )