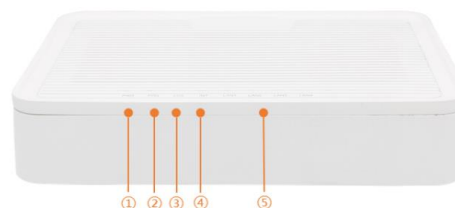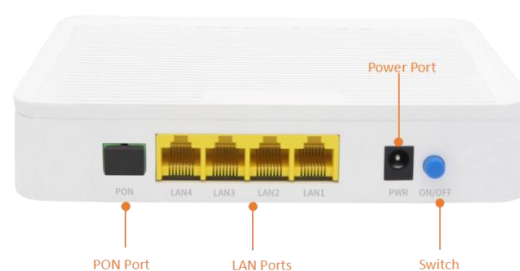## ONT200-04
4GE ONT

ONT200-04 dual-mode ONU supports EPON and GPON two modes access. The ONU automatically switches into the corresponding PON mode by identifying the local OLT mode to complete GPON or EPON adaptive access.

ONT200-04 have a high reliability and provide quality of service guarantee, easy management, flexible expansion and networking. It fully meets the ITU-T and IEEE technical standards and have good compatibility with third party OLT.

Features

- In compliant with IEEE802.3ah and ITU - T G.984 standard
- Support ONU auto-discovery/Link detection/remote upgrade of software
- Support multiple registration methods
- Support port VLAN configuration
- Support mac-address learning
- Support port-based rate limitation and bandwidth control
- Support port isolate
- Support IGMP transparent/snooping/proxy mode
- Support remote management configuration
- Support Dynamic Bandwidth Allocation (DBA)
- Support AES encryption and decryption
- EMS network management based on SNMP, convenient for maintenance
- Support power-off alarm function, easy for link problem detection
- Support broadcasting storm resistance function
- Support port flow-control

Product Interface and LED

LED DEFINITIONS		
Indicator		**Description**
PWR	**Power Status**	On: The ONT is power on; Off: The ONT is Power off;
PON	**ONT Register**	On: Success to register to OLT; Blinking: In process of registering to OLT; Off: Failed to register to OLT or no normal optical signal input;
LOS	**PON Optical Signals**	On: Optical power lower than receiver sensitivity; Off: Optical in normal;
LAN	**LAN Port Status**	On: Ethernet connection is normal; Blinking: Data is being transmitted through the Ethernet port; Off: Ethernet connection is not set up;
INT	**Internet Status Indicator**	On: The routed WAN Internet access service is normal. Off: The routed WAN Internet access service is abnormal.

Hardware

- **GPON/EPON Port**
  - ✓ Single mode single fiber
  - ✓ GPON：FSAN G.984.2 standard, Class B+
  - ✓ EPON：1000BASE-PX20+ symmetric
  - ✓ GPON：2.488Gbps/1.244Gbps downstream/upstream
  - ✓ EPON：1.25Gbps downstream/upstream
  - ✓ Wavelength: Transmit: 1310nm   Receiver: 1490nm
  - ✓ Receiving sensitivity: GPON：-28dBm   EPON：-27dBm
  - ✓ Saturated power: GPON：-8dBm   EPON：-3dBm
  - ✓ Transmitting power: GPON：0.5～5dBm EPON:0～4dBm

- **Dimension and Weight**
  - ✓ Item Dimension: 160mm(L) x 112mm(W) x 28.5mm (H)
  - ✓ Item weight：0.20kg

- **User Port(LAN)**
  - ✓ RJ-45 connector
  - ✓ 4*10/100/1000 Mbps adaptive Ethernet port
  - ✓ Full/half duplex
  - ✓ Auto MDI/MDI-X

- **Indicators**
  - ✓ PWR / PON / LOS / LAN / INT

- **Power**
  - ✓ External 12VDC/1A power supply adapter
  - ✓ Power consumption: <4.5W

- **Environmental Specifications**
  - ✓ Operating temperature: 0 to 40°C
  - ✓ Storage temperature: -40 to 85°C
  - ✓ Operating humidity: 10% to 90%(Non-condensing)

Software

- **Management**
  - ✓ EPON :OAM / WEB / TR069 / Telnet
  - ✓ GPON:OMCI / WEB / TR069 / Telnet

- **Register**
  - ✓ Auto-discovery/Link detection/Remote upgrade software
  - ✓ Auto/MAC/SN/LOID+Password authentication

- **Switch**
  - ✓ MAC address learning
  - ✓ MAC address learning account limit
  - ✓ Broadcast storm suppression
  - ✓ VLAN transparent/tag/translate/trunk

- **Multicast**
  - ✓ IGMP V2
  - ✓ IGMP VLAN
  - ✓ IGMP transparent/Snooping/Proxy

- **Security**
  - ✓ Firewall
  - ✓ MAC address/URL filter
  - ✓ Remote WEB/Telnet access control

Network Application

- ✓ Solution: FTTH
- ✓ Business: Broadband Internet

Ordering Information

PRODUCT MODEL	DESCRIPTIONS
ONT200-04	FTTH/O ONT, 1 GPON/EPON interface (SC/UPC), 4 Gigabit LAN ports