

## GEPON ONU



GONU1000 is a cost-effective GEPON customer premise device designed for indoor residential and Single Office/Home Office (SOHO) installation. It supplies Gigabit broadband service to a connected subscriber's gateway and/or computers. GONU1000 provides four 10/100M Base-T Ethernet ports with advanced L2 functionality for Data and IPTV video services.

### FEATURES

- Full IEEE 802.3/802.3ah compliance
- Single fiber for Data communication
- Highest speed PON: 1 Gbit/s symmetrical data
- “Plug-and-play” via auto-discovery and configuration
- Advanced QoS functions
- Remote management with advanced OAM functions
- Secure access via Access Control List (ACL)
- Advanced L2 Function: IGMP Snooping, VLAN, MAC address Management

### Specifications:

<b>Physical</b>	
Dimension	204mm(L) × 167mm(W) × 39mm (H)
Weight	1Kg
<b>Power Supply</b>	
Power	5V DC or 100~240V AC
Power Consumption	6 W
<b>Optical Link Performance</b>	
Optical Fiber	Single Mode
Fiber Connector	SC/UPC
Maximum Splitting	32
Data Rate	1Gbps uplink and downlink
Output Power at 1310nm	-1~ +3 dBm
Receiving Sensitivity at 1490nm	-24 dBm
Wavelength	TX: 1310 nm RX: 1490 nm
<b>Ethernet</b>	
Ethernet Port	Four 10/100Mb/s RJ-45 Ports
Ethernet Cable	CAT-5 or CAT-6 (100 m)
Standards	IEEE 802.3ah IEEE 802.1p 802.1Q 802.1d 802.1w

	IEEE 802.3ad
Management	Embedded OAM Protocol, SNMP, Remote software upgrading
<b>Environment</b>	
Working Temperature	- 5 °C ~ 55 °C
Storage Temperature	-40 °C ~ 80 °C
Humidity	5% ~ 95% Non-condensing
RoHS	Compatible

### **Ordering Information:**

GONU1000-P

P(Power Supply): 5\_external 5V DC adaptor, 110\_built-in 100~240V AC power supply