

## GONU1000 ONU

GONU1000 is a cost-effective GEAPON 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 or computers. GONU1000 provides one 10/100/1000M Ethernet port or 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
- High 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>Optical Link Performance</b>	
Optical Fiber	Single Mode
Fiber Connector	SC/UPC
Optical Return Loss	45dB
Output Power at 1310nm	-1~ +3 dBm
Receiving Sensitivity at 1490nm	-24 dBm
Wavelength	TX: 1310 nm    RX: 1490 nm
<b>Ethernet</b>	
Data Rate	1Gbps uplink and downlink
Maximum Splitting	1:32 (20Km fiber reach) 1:64 (10Km fiber reach)
Ethernet Port	One 10/100/1000Mb/s Port or 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
<b>Physical</b>	
Weight	1Kg
<b>Power Supply</b>	
Power	12V 1A DC Adaptor, UL or CE certified
Power Consumption	<6 W

**Ordering Information:**

GONU1000-X GEAPON ONU

X(Ethernet Ports): None\_one 10/100/1000Mb/s port; 4\_four 10/100Mb/s ports