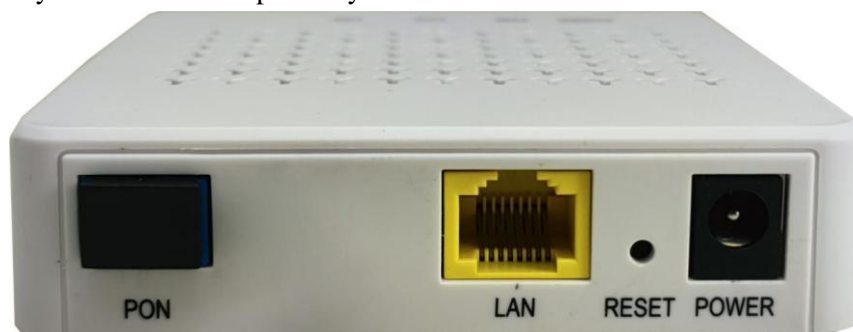


## GONU260 GPON ONU

GONU260 GPON ONU has one optical input and one GE port, meeting the requirement of the broadband access network. It applies in FTTH/FTTO to provide the data and video service based on the GPON network. GONU260 provides one GE auto-adapting Ethernet ports. The GONU260 features high-performance forwarding capabilities to ensure excellent experience with Internet and HD video services. It has good third-party GPON OLT compatibility.



### Features

- CPU chip: RTL9601D-CG-VA3
- Comply fully with ITU-G.984.1/2/3/4 standard and G.987.3 protocol
- Support downlink 2.488 Gbps rate and uplink 1.244 Gbps rate
- Support bidirectional FEC and RS(255,239) FEC CODEC
- Support 32 TCONT and 256 GEMPORT
- Support AES128 decryption function of G.984 standard
- Support SBA and DBA dynamically broadband allocation
- Support the PLOAM function of G.984 standard
- Support Dying-Gasp check and report
- Support synchronous Ethernet
- Working with the 3<sup>rd</sup> party OLT such as Huawei, ZTE, Cortina etc
- Support the rogue ONU alarm function
- Down-link port 10/100/1000M auto-negotiation
- Support 1K MAC address table

## Specification

Item	Parameters	Specification
Interface	PON Port	1*GPON port, FSAN G.984.2 standard, Class B+ Downstream Data Rate: 2.488Gbps@1490nm Upstream Data Rate: 1.244Gbps@1310nm SC/PC single mode fiber 28dB Link loss
	Ethernet Port(LAN)	1*GE Auto-negotiation RJ45 ports Full Duplex / Half-Duplex RJ45, Auto-MDI/MDI-X Transmission Distance 100 Meter
	Power Supply Port	12V DC input, Footprint: DC0005 $\varnothing$ 2.1MM
Management	Network Management	Compliant OMCI interface as defined by ITU-T G.984.4 Support WEB management
	Management Function	Status monitor, Configuration management, Alarm management, Log management
Environmental Specifications	Shell	Plastic casing
	Power	External 12V 0.5A power supply adapter Power consumption: <2.5W
	Dimensions Weight	90mm(L) × 90mm(W) × 24mm (H) 0.1Kg
	Environment	Operating Temperature: 0~50 ℃ Storage Temperature: -40~85 ℃ Operating Humidity: 10%~90% (Non-condensing) Storage Humidity: 5%~95% (Non-condensing)

LED Indicator			Description
1	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;
2	LOS	GPON optical signals	On: Optical power lower than receiver sensitivity ; Off: Optical in normal
3	PON	ONU Register	On: Success to register to OLT; Blinking: In process of registering to OLT; Off: In process of registering to OLT;
4	PWR	Power status	On: The ONU is power on; Off: The ONU is Power off;

## Ordering information

GONU260 (1\*GE interface, 1 GPON interface, plastic casing, 12V DC adapter)