

GPON Optical Network Unit with 2GE and Wi-Fi

This GPON optical network unit is compatible with GPON and EPON standards, ensuring seamless integration with FTTx PON technology. It features two Gigabit Ethernet ports and integrated Wi-Fi for versatile connectivity.



ADDITIONAL IMAGES



Overview

High-Performance GPON ONU

This GPON Optical Network Unit is designed for efficient Fiber-to-the-Home (FTTH) deployments, offering seamless integration with major OLT vendors including Huawei, ZTE, and Fiberhome. It features a plug-and-play design with automatic detection and configuration capabilities, ensuring rapid deployment for residential and small business users. With two Gigabit Ethernet ports and integrated Wi-Fi, it provides robust, non-blocking high-speed connectivity for data-intensive applications.

Networking Capabilities

OLT Compatibility

Huawei • ZTE • Fiberhome

Data & Performance

- 2048 MAC address table
- Auto polarity detection (AUTO MDIX)
- Integrated port monitoring and mirroring
- Port rate limiting and SLA support
- IEEE802.1p QoS with four level priority queues

Key Features

Plug and Play, Auto Configuration, Auto Firmware Upgrading, Diagnostic Monitoring, Remote Fiber Disabling, Full Speed 1G Switching

Technical Specifications

Fiber Interface Specifications

Parameter	Specification
Fiber Port	1 x GPON
Downstream Rate	2.5 Gbps
Upstream Rate	1.25 Gbps
Wavelength (Tx)	1310 nm
Wavelength (Rx)	1490 nm
Interface Type	SC/PC