

1 Port XPON + 1*GE ONU

XPON ONU-1GE

airlive®



1x XPON Dual Mode
Automatically Access to
EPON/GPON

XPON
ONU

-10°C ~ +60°C
Temp Range

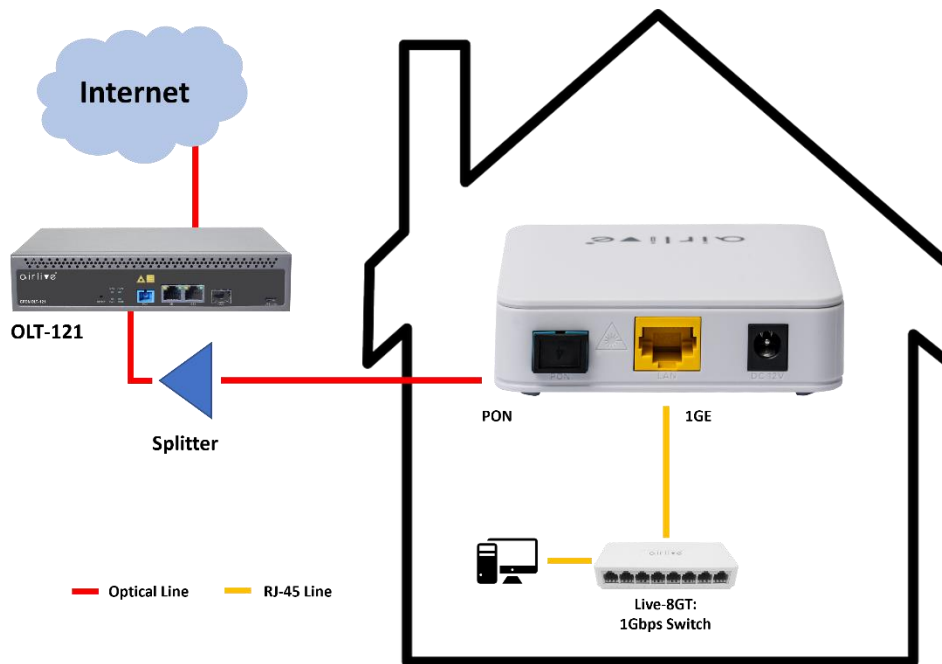
1 x 1GE RJ-45

Fiber
Optical 20KM

Compliant ITU-T
G.984 standard

Overview

Introducing our state-of-the-art business solution, the Single Gigabit Port XPON ONU. Designed to cater to the evolving needs of modern enterprises, our ONU (Optical Network Unit) combines the power of XPON technology with a single gigabit port for blazing-fast internet connectivity. With its advanced features, our XPON ONU ensures seamless data transmission, ultra-low latency, and enhanced network performance, enabling businesses to thrive in today's digital era. Whether you require high-speed internet access, reliable connectivity, or increased productivity, our Single Gigabit Port XPON ONU delivers unparalleled performance and efficiency. Elevate your business's connectivity with our cutting-edge solution and unlock a world of possibilities.



High-speed and Long-distance Coverage for Triple Play Services

The XPON ONU-1GE offers a solution for providing high-speed and long-distance coverage in triple play service applications such as HDTV, IPTV, and multimedia, enabling fast and reliable data transmission. With a coverage range of up to 20km between equipment nodes, the XPON ONU-1GE is a cost-effective access technology that offers flexibility for network deployment. Its reliable and scalable network ensures a seamless and efficient experience for users.

Highlight Feature

- XPON Dual Mode Automatically Access to EPON/GPON
- 1x 1Gbps RJ-45 Port
- Powerful Firewall
- Small size easy to use.

Model	XPON ONU-1GE
<p>Device Interface</p> <ul style="list-style-type: none"> • PON Port: 1x (EPON PX20+ & GPON Class B+) • Connector: SC single mode, SC/UPC • TX optical power: 0~+4dBm • RX sensitivity: -27dBm • Overload optical power: -3dBm(EPON) or -8dBm(GPON) • Wavelength: TX 1310nm, RX 1490nm • Transmission Distance: 20KM • LAN Port: 1x 1G RJ-45 • Power: 12V, 0.5A External Power Adapter • LED: REG, LINK/ACT, SYS <p>Function features</p> <ul style="list-style-type: none"> • XPON: Dual-mode, Auto-access to EPON/GPON OLT • Uplink Mode: Bridging and Routing Mode • Abnormal protection: Detecting Rogue ONU, Hardware Dying Gasp • Firewall: DDOS, Filtering Based on ACL/MAC/URL <p>Firmware features</p> <ul style="list-style-type: none"> • Basic: Support MPCP discover&register Support authentication Mac/Loid/Mac+Loid Support Triple Churning Support DBA bandwidth Support auto-detecting, auto-configuration, and auto firmware upgrade Support SN/Psw/Loid/Loid+Psw Authentication • LAN: Support Port rate limiting Support Loop detection Support Flow control Support Storm control • VLAN: Support VLAN tag mode Support VLAN transparent mode Support VLAN trunk mode (max 8 VLANs) Support VLAN 1:1 translation mode (≤ 8 VLANs) Auto VLAN detection • Alarm: Support Dying Gasp Support Port Loop Detect Support Eth Port Los 	<ul style="list-style-type: none"> • Multicast: Support IGMPv1/v2/Snooping Max Multicast VLAN 8 Max Multicast Group 64 • QoS: Support 4 queues Support SP and WRR Support 802.1P • L3: Support IPv4/IPv6 Support DHCP/PPPOE/Static IP Support Static route Support NAT • Management: Support TR069/WEB/TELNET/CLI Support ITUT984.x OMCI Support CTC OAM 2.0 and 2.1 <p>Power Supply</p> <ul style="list-style-type: none"> • Input Voltage: DC 12V, 0.5A Power Adapter <p>Environment</p> <ul style="list-style-type: none"> • Operating Temperature: -10°C to +60°C • Storage Temperature: -30°C to +70°C • Working Humidity: 10%~90%, non-condensing • Storage Humidity: 10%~90%, non-condensing • MTBF: 100000 hrs. <p>Standard package of ONU</p> <ul style="list-style-type: none"> • Product size: Product Dimensions: 8.2x8.2x2.5 cm(L*W*H) Package Dimensions: 10x10x10 cm(L*W*H) • Package Weight: Product N.W: 0.085kg Product G.W: 0.195kg • Package content: ONU x 1, QIG x 1, Power Adapter x 1 • Ordering Information • Model: XPON ONU-1GE • Name: XPON 1GE XPON ONU, Single Port

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