



ONT-M25GU

1*XPON+1*2.5GbE+1*Type-A(Default) or Type-C(Customizable) Portable ONU

Key Features:



XPON Dual Mode
Automatically Access to
EPON/GPON



2.5GbE LAN port



Two-in-one port
support power supply and
Internet access



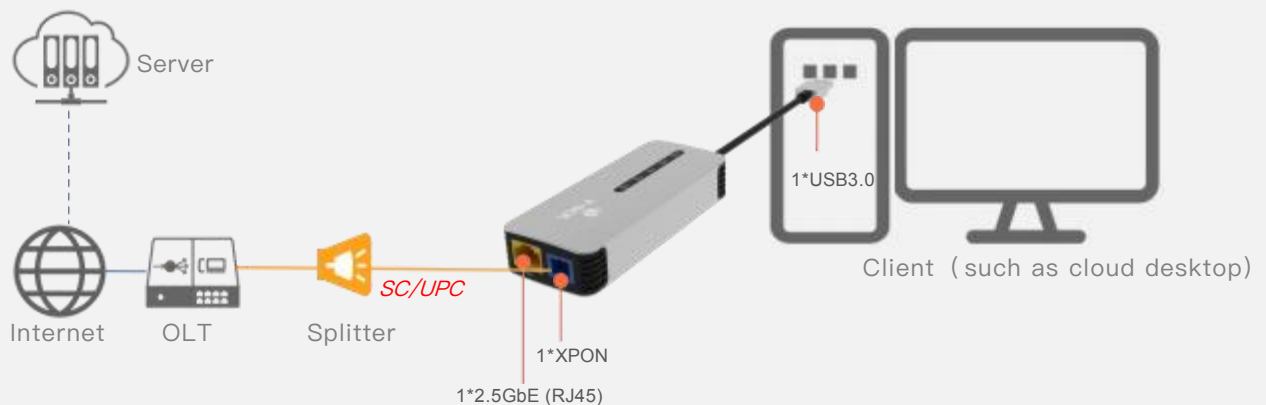
Wide Working Temp
-10°C~+55°C

Introduction:

ONT-M25GU (XPON 1*2.5GbE+1*Type-A(Default) or Type-C(Customizable) ONU) is a small portable access device designed for FTTH (desktop) access and other needs. This ONU is based on a high-performance chip solution and has a 2.5GbE port, which can provide users with a high-speed network experience and truly realize Gigabit to the desktop. There is a Type-A(Default) or Type-C(Customizable) port, which can be used for both power supply and data transmission, eliminating the need for external power supply or optical composite cable power supply, and is cost-effective, for terminals without RJ45 network interfaces, this interface can be directly connected without the need for additional network port expansion docks, which is more convenient.

The main shell of this ONT is made of aluminum alloy and is integrated into one piece, which has high reliability. The two ends are made of ABS material and have heat dissipation holes, so it can be used in environments with a wide temperature range.

Application Chart:



○ Hardware Parameter

Dimension	110mm×45mm×20mm(L×W×H)
Net weight	0.1Kg
Operating condition	<ul style="list-style-type: none"> Operating temp: -10 ~ +55。C Operating humidity: 5 ~ 95% (non-condensing)
Storing condition	<ul style="list-style-type: none"> Storing temp: -40 ~ +70。C Storing humidity: 5~ 95% (non-condensing)
Interfaces	1*2.5GbE+1*Type-A(Default) or Type-C(Customizable)
Indicators	PWR, PON, LOS, WAN, LAN

○ Interface Parameter

PON interface	<ul style="list-style-type: none"> 1 XPON port(EPON PX20+ & GPON Class B+) SC single mode, SC/UPC connector TX optical power: 0~+4dBm RX sensitivity: -27dBm Overload optical power: -3dBm(EPON) or -8dBm(GPON) Transmission distance: 20KM Wavelength: TX 1310nm, RX1490nm
LAN interface	1*2.5GbE, Auto-negotiation RJ45 connectors
USB3.0 interface	1*Type-A(Default) or Type-C(Customizable) , powered and data transmission through this port

○ Product Feature

Internet connection	<ul style="list-style-type: none"> Support Bridge mode
Alarm	<ul style="list-style-type: none"> Support Dying Gasp Support Port Loop Detect
LAN	<ul style="list-style-type: none"> Support Port rate limiting Support Loop detection Support Flow control Support Storm control
VLAN	<ul style="list-style-type: none"> Support VLAN tag mode Support VLAN transparent mode Support VLAN trunk mode Support VLAN hybrid mode
Multicast	<ul style="list-style-type: none"> IGMPv1/v2/Snooping Support multicast protocol VLAN and multicast data stripping Support multicast translation function
QoS	<ul style="list-style-type: none"> Support WRR 、 SP+WRR
O&M	<ul style="list-style-type: none"> WEB/TELNET/SSH/OMCI Support private OMCI protocol and Unified network management of SOFTEL OLT
Firewall	<ul style="list-style-type: none"> Support IP address and port filtering function
Other	<ul style="list-style-type: none"> Support log function

Ordering Information:

Product Name	Product Description	Accessories
ONT-M25GU	1*XPON+1*2.5GbE+Type-A(Default) or Type-C(Customizable)	NA