

MN-WIFI2 ONU Product Specifications

Product introduction

The MN-WIFI2L XPON ONU is an advanced device that provides reliable internet and 2.4G Wi-Fi services to its users. This device is designed to work seamlessly with XPON technology, which allows it to deliver high-speed internet to users.

The 2.4G Wi-Fi service ensures that users can enjoy uninterrupted connectivity on the 2.4GHz frequency, which is ideal for browsing the web, streaming videos, and online gaming. With its sleek design and advanced features, the MN-WIFI2L XPON ONU is an excellent choice for households or businesses that require reliable internet and Wi-Fi services.

Product Pictures



Product features

- Support EPON/GPON mode and switch mode automatically
- GPON:Compliance with IEEE 802.3ah & itu-t g.984.x standard
- GPON:8 T-CONTs,32 GEM Ports
- Integrate OMCI(GPON)/OAM(EPON) and TR-069 remote configuration and maintenance
- Layer 3 Home Gateway/CPE features with Hardware NAT, support Multiple WAN, Route/Bridge mode, etc
- Layer 2 Switching, support 802.1Q VLAN, 802.1P QOS, Bandwidth Control, Spanning Tree, etc
- Support PPPoE/ Static IP/ DHCP
- Support IPv4, IPv6 and IPv4/IPv6
- Support firewall level Settings, support based on URL/MAC/ IP/ address frame filtering
- Support multicast IGMP v2 proxy/ snooping, support MLD proxy/ snooping
- Qos supports PQ, WRR, and CAR queue scheduling
- Provide 300Mbps 2.4GHz Wireless interface,2T2R external antenna, support multiple SSID Settings,
- Support DDSN, ALG, DMZ and UPNP

Product Specification

Hardware Specifications	
Size (L*W*H)	155mm (L) *113mm (W) *28mm (H)
Optical signal access	1*GPON/EPON
User interface	1GE+1FE+2.4G WLAN
Indicator light	POWER、PON、LOS、LAN1、LAN2、WIFI、WPS
Button	Power switch Button, Reset Button, WLAN Button, WPS Button
Weight	192g
Power adapter input	100V~240V AC, 50Hz~60Hz
Power Supply requirement	12V DC, 1.5A
Power consumption	<10w
Working temperature	-10°C ~ +45°C
Environment humidity	5% ~ 95% (Non-condensing)
PON Interface	
Module type	Class B+ SC/UPC
Working wavelength	up 1310nm, down 1490nm
TX Optical power value	0.5~4dbm
RX Optical power sensitivity	-28dBm

Transmission distance	0~20km
Transmission rate	GPON:Up 1.244Gbps; down 2.488Gbps EPON:Up 1.244Gbps; down 1.244Gbps
Ethernet interface	
Interface type	2*RJ45
Interface parameters	1*10/100/1000Mbps and 1*10/100Mbps
Wireless	
Working mode	IEEE 802.11 b/g/n
Antenna pattern	External 2T2R External antenna
Antenna gain	5dBi
Wireless bandwidth	Support 20MHz/40MHz
Interface rate	Maximum rate 300Mbps
SSID	Up to 4 SSID broadcasts are supported