



V2804N

1*XPON+1GE+3FE+WiFi 4+USB 2.0 ONU

Key Features:



Realtek Chipset
High Performance Solution



XPON Dual Mode
Automatically Access to
EPON/GPON



WiFi IEEE802.11b/g/n
2×2 5dBi Antenna
Wide Coverage



Powerful Firewall

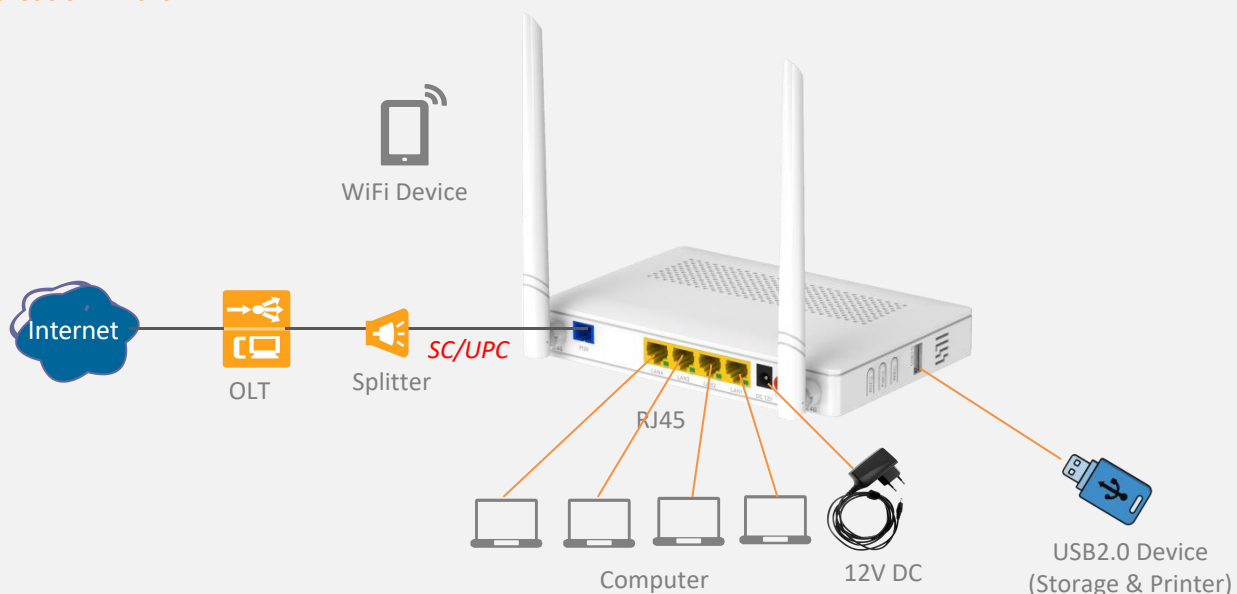


Introduction:

V2804N(XPON 1GE+3FE+WiFi 4+USB 2.0 ONU) supports Dual mode(XPON), It can also be applied to a wide temperature environment, and also has a powerful firewall function.

V2804N(XPON 1GE+3FE+WiFi 4+USB 2.0 ONU) meets telecom operators FTTO (office), FTTD (Desk), FTTH(Home) broadband speed, SOHO broadband access, video surveillance and other requirements and design a GPON/EPON Gigabit Ethernet products. The box is based on the mature Gigabit GPON/EPON technology, highly reliable and easy to maintain, with guaranteed QOS for different service. And it is fully compliant with technical regulations such as ITU-T G.984.x and IEEE802.3ah.SFP with SC/UPC Connector Transceiver.

Application Chart:



○ Hardware Parameter

Dimension	205mm×140mm×37m(L×W×H)
Net weight	0.34Kg
Operating condition	<ul style="list-style-type: none"> • Operating temp: 0 ~ +50°C • Operating humidity: 5 ~ 90% (non-condensed)
Storing condition	<ul style="list-style-type: none"> • Storing temp: -30 ~ +75°C • Storing humidity: 5 ~ 90% (non-condensed)
Power adapter	DC 12V, 1/1.5A, external AC-DC power adaptor
Power supply	≤10W
Interfaces	1GE+3FE+WiFi 4+USB 2.0
Indicators	PWR, PON, LOS, WAN, ETH1 ~ ETH4, WIFI, USB, WPS

○ Interface Parameter

PON interface	<ul style="list-style-type: none"> • 1XPON port(EPON PX20+ and 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
WIFI interface	<ul style="list-style-type: none"> • Compliant with IEEE802.11b/g/n • Rate up to 300Mbps, 2T2R, 5dBi external antenna • Support: multiple SSID • Support 13 Channels
LAN interface	1*GE+ 3*FE Auto-negotiation RJ45 ports
USB interface	USB 2.0 for Shared Storage/Printer

○ Function Data

XPON mode	Dual mode , Can access EPON/GPON OLTs(Mainstream Brand OLT).
Uplink Mdoe	Routing mdoe
Firewall	DDOS, Filtering Based on ACL/MAC/URL.
Layer2	IEEE 802.1D&802.1ad bridge, 802.1p Cos, 802.1Q VLAN.
Layer3	IPv4/IPv6, DHCP Client/Server , PPPoE, NAT , DMZ ,DDNS.
Multicast	IGMP v1/v2/v3 , IGMP snooping.
Security	Flow & Storm control, Loop Detection.
O&M	<ul style="list-style-type: none"> • WEB/TELNET/OAM/OMCI/TR069 • Support private OAM/OMCI protocol • Unified network management of VSOL OLT

Product Name	Product Description	Accessories
V2804N	1GE+3FE+WiFi 4+USB 2.0	