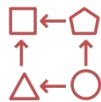# V2804N

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

Key Features:

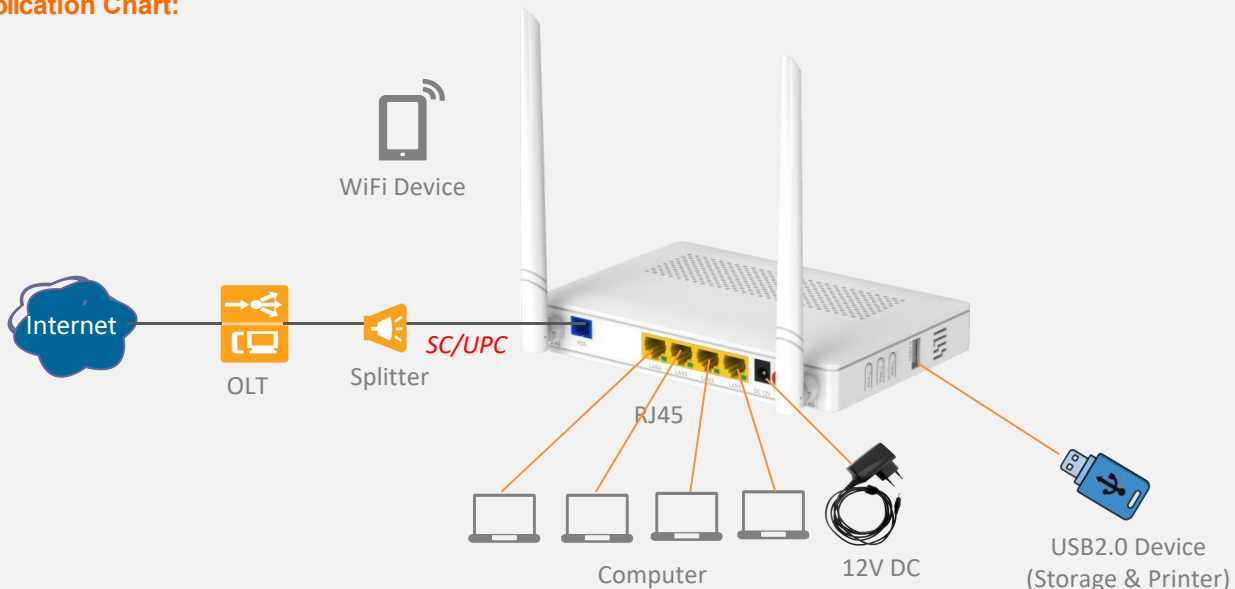| Realtek Chipset High Performance Solution | XPON Dual Mode Automatically Access to EPON/GPON | WiFi IEEE802.11b/g/n 2×2 5dBi Antenna Wide Coverage | Powerful Firewall | CE |

Introduction:

V2804N (XPON 1GE+3FE+WiFi 4+USB 2.0 ONT) is a broadband access device specially designed to meet the needs of telecom operators for FTTO (Office), FTTD (Desktop), FTTH (Home), SOHO access, and video surveillance access.

The ONT is based on high-performance chip solutions, supports XPON dual-mode technology (EPON and GPON), and also supports IEEE802.11b/g/n WIFI technology and other Layer 2/Layer 3 functions, providing data service for carrier-grade FTTH applications. In addition, the ONT also supports the OAM/OMCI protocol, and we can configure or manage various services of the ONT on the VSOL OLT.

The ONT has high reliability, is easy to manage and maintain, and has QoS guarantees for various services. It conforms to a series of international technical standards such as IEEE802.3ah and ITU-T G.984.

Application Chart:

Internet — OLT — Splitter — SC/UPC

WiFi Device

RJ45

Computer

12V DC

USB2.0 Device (Storage & Printer)

○ Hardware Parameter

Dimension	205mm×140mm×37mm(L×W×H)
Net weight	0.34Kg
Operating condition	• Operating temp: -10 ~ +55°C • Operating humidity: 5 ~ 95% (non-condensing)
Storing condition	• Storing temp: -40 ~ +70°C • Storing humidity: 5 ~ 95% (non-condensing)
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	• 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	• 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	• 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	