



## V2804AC-Z

1\*XPON+1GE(WAN/LAN1)+3GE(LAN)+Wi-Fi 5+USB 3.0 ONT

### Key Features:



High Performance Solution



Wi-Fi 5 Dual Band  
1200Mbps



IPv4/IPv6 Dual Stack



USB3.0 Interface  
For Shared  
Storage/Printer



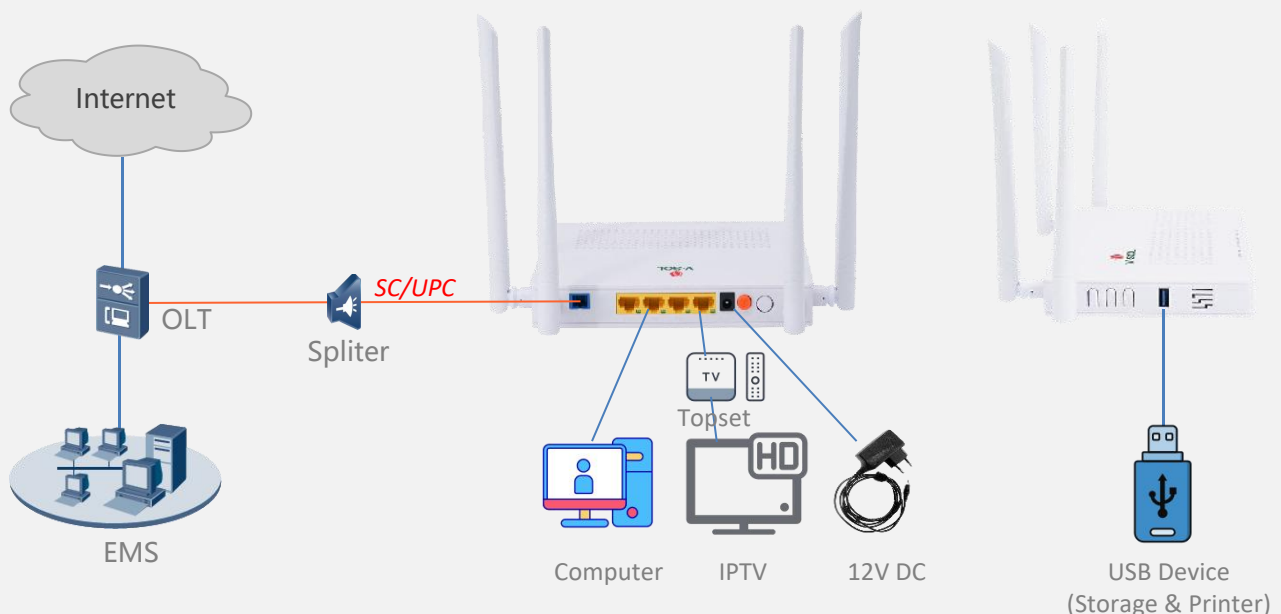
### Introduction:

V2804AC-Z (1GE(WAN/LAN1)+3GE(LAN)+Wi-Fi 5+USB3.0 XPON ONT) is a broadband access device specially designed to meet the needs of fixed network operators for FTTH and triple play services.

The ONT is based on high-performance chip solutions, supports XPON dual-mode technology (EPON and GPON), and also supports IEEE802.11b/g/n/ac 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:



| ○ Hardware Parameter |                                                                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Dimension            | 205mm×140mm×37mm(L×W×H)                                                                                                                 |
| Net weight           | 0.34Kg                                                                                                                                  |
| Operating condition  | <ul style="list-style-type: none"> <li>• Operating temp: -10 ~ +55°C</li> <li>• Operating humidity: 5 ~ 95% (non-condensing)</li> </ul> |
| Storing condition    | <ul style="list-style-type: none"> <li>• Storing temp: -40 ~ +70°C</li> <li>• Storing humidity: 5 ~ 95% (non-condensing)</li> </ul>     |
| Power adapter        | DC 12V/1A, external AC-DC power adaptor                                                                                                 |
| Power supply         | ≤10W                                                                                                                                    |
| Interfaces           | 1GE(WAN/LAN1)+3GE(LAN)+Wi-Fi 5+USB 3.0                                                                                                  |
| Indicators           | PWR, PON, LOS, WAN, ETH1~ETH4, 2.4Ghz WIFI, 5Ghz WIFI, WPS, USB                                                                         |

| ○ Interface Parameter |                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PON interface         | <ul style="list-style-type: none"> <li>• 1XPON port(EPON PX20+ and GPON Class B+)</li> <li>• SC single mode, SC/UPC connector</li> <li>• TX optical power: 0~+4dBm</li> <li>• RX sensitivity: -27dBm</li> <li>• Overload optical power: -3dBm(EPON) or -8dBm (GPON)</li> <li>• Transmission distance: 20KM</li> <li>• Wavelength: TX 1310nm, RX1490nm</li> </ul>        |
| WIFI interface        | <ul style="list-style-type: none"> <li>• Compliant with IEEE802.11b/g/n/ac</li> <li>• 2.4GHz Operating frequency: 2.412-2.477GHz</li> <li>• 5.0GHz Operating frequency: 5.180-5.925GHz</li> <li>• Support MIMO, rate up to 1.167Gbps</li> <li>• WiFi: 2.4GHz( 2T2R ), 5.8GHz( 2T2R ), support: multiple SSID</li> <li>• TX power: 11n&lt;20dBm/11ac&lt;23dBm</li> </ul> |
| LAN interface         | <ul style="list-style-type: none"> <li>• 4*GE, Auto-negotiation, RJ45 ports</li> <li>• LAN1 supports WAN mode</li> </ul>                                                                                                                                                                                                                                                |
| USB interface         | USB 3.0 for Shared Storage/Printer                                                                                                                                                                                                                                                                                                                                      |

| ○ Function Data |                                                                                                         |
|-----------------|---------------------------------------------------------------------------------------------------------|
| XPON mode       | Dual mode , can access EPON/GPON OLTs(HUAWEI,ZTE,FiberHome, etc).                                       |
| Connect mdoe    | Support bridge mode and route mode                                                                      |
| WiFi            | IEEE802.11b/g/n/ac(TX power:17dBm/16dBm/15dBm)<br>WiFi Authentication : WEP/WAP-PSK(TKIP)/WAP2-PSK(AES) |
| Firewall        | DDOS, Filtering Based on ACL/MAC/URL                                                                    |
| Layer2          | 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, Support private OAM/OMCI protocol and Unified network management of VSOL OLT       |

| Product Name | Product Description                    | Accessories                     |
|--------------|----------------------------------------|---------------------------------|
| V2804AC-Z    | 1GE(WAN/LAN1)+3GE(LAN)+Wi-Fi 5+USB 3.0 | AC-DC power adaptor: DC12V / 1A |