V2804AC-Z

1*XPON+4GE+WIFI 5+USB 3.0 ONU

Key Features:

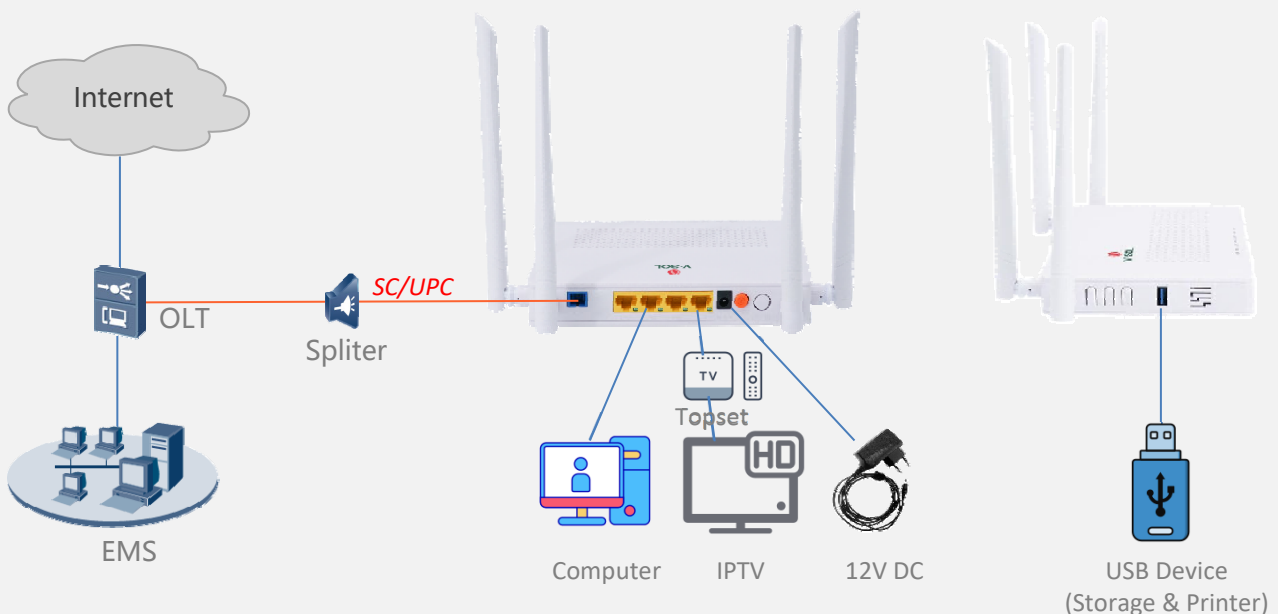| ZTE XPON Chipset + MTK Wi-Fi Chipset High Performance Solution	WiFi 5 Dual Band 1200Mbps	IPv4/IPv6 Dual Stack	USB3.0 Interface For Shared Storage/Printer

CE

Introduction:

V2804AC-Z(4GE+WiFi5+USB3.0 XPON ONT) is based on the mature Chipset (ZTE+MTK) technology, which has high performance.

V2804AC-Z supports EPON/GPON dual modes access which automatically switches into the corresponding PON mode by identifying the local OLT mode to complete XPON adaptive access,It has a high reliability and provide quality of service guarantee, easy management, flexible expansion and networking. It fully meets the ITU-T and IEEE technical standards and have good compatibility with third party OLT.

V2804AC-Z meets 802.11 a/b/g/n/ac technical standards and it also supports 2.4GHz/5GHz dual-band wireless signal. It has the characteristics of strong penetrating power and wide coverage. It can provide users with more efficient data transmission security.

Application Chart:

Internet

OLT

SC/UPC

Spliter

EMS

Topset

Computer   IPTV   12V DC

USB Device (Storage & Printer)

Hardware Parameter

Dimension	205mm×140mm×37m(L×W×H)
Net weight	0.34Kg
Operating condition	• Operating temp: 0 ~ +50°C • Operating humidity: 5 ~ 90% (non-condensed)
Storing condition	• 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	4GE+WIFI 5+USB 3.0
Indicators	PWR, PON, LOS, WAN, ETH1~ETH4, 2.4Ghz WIFI, 5Ghz WIFI, WPS, USB

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/ac • 2.4GHz Operating frequency: 2.4000-2.4835GHz • 5.0GHz Operating frequency: 5.150-5.825GHz • Support MIMO, rate up to 1.167Gbps • WiFi: 2.4GHz(2T2R), 5.8GHz(2T2R), 5dBi antenna, support: multiple SSID • TX power: 11n--22dBm/11ac--24dBm
LAN interface	4*GE, Auto-negotiation, RJ45 ports
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	Routing Mode.
WiFi	• IEEE802.11b/g/n/ac(TX power:17dBm/16dBm/15dBm) • 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	4GE+WiFi 5+USB 3.0	AC-DC power adaptor: DC12V / 1A