

ONU GPON/EPON / Wi-Fi 7 / 1 Puerto 2.5 Gigabit / 3 Puertos Gigabit / Puerto CATV / 2 Antenas 5 dBi / Hasta 3600 Mbps

SKU: V2804BE36T-H Marca: V-SOL Categoría: ONUs / ONTs

Garantía: 3 años

$1,655.99

Precios con IVA incluido

DESCRIPCIÓN

ONU de doble banda GPON/EPON con puerto PON SC/UPC, diseñada para despliegues residenciales y empresariales de operadores ISP. Integra un puerto RJ45 de 2.5 Gigabit, tres puertos Gigabit, salida CATV y conectividad Wi-Fi 7 (802.11be) en 2.4 GHz y 5 GHz con dos antenas de 5 dBi, alcanzando velocidades combinadas de hasta 3600 Mbps. La gestión se realiza de forma remota desde la OLT, con soporte para EMS, interfaz web, Telnet y CLI, facilitando la administración y monitoreo en línea del equipo. Su consumo máximo de 18 W y alimentación de 12 V 1.0 A permiten una operación eficiente en diversas condiciones ambientales.

Características Generales
ONU dual GPON/EPON con puerto PON SC/UPC
1 puerto RJ45 2.5 Gigabit + 3 puertos RJ45 Gigabit
Wi-Fi 7 (802.11a/n/ac/ax/be) en 2.4 GHz y 5 GHz con 2 antenas de 5 dBi
Puerto CATV integrado para servicios triple play
Gestión remota vía OLT, EMS, web, Telnet y CLI
Alimentación 12 V 1.0 A con fuente incluida; consumo máximo 18 W
Temperatura de operación: -10 °C a 55 °C
Dimensiones: 260 × 157.4 × 45.8 mm; peso: 0.45 kg

Desempeño de Red
Puerto PON: SC/UPC (GPON/EPON)
LAN: 1 × 2.5 Gbps RJ45
LAN: 3 × 1 Gbps RJ45
Wi-Fi 7: hasta 3600 Mbps
Wi-Fi: 802.11a/n/ac/ax/be
Bandas: 2.4 GHz, 5 GHz
Antenas: 2 × 5 dBi
Puerto CATV: 1

Físicas y Eléctricas
Dimensiones: 260 × 157.4 × 45.8 mm
Peso: 0.45 kg
Alimentación: 12 V 1.0 A
Fuente de alimentación incluida
Consumo máximo: 18 W
Temperatura de operación: -10 °C a 55 °C

Gestión y Monitoreo
Gestión remota vía OLT
EMS
Interfaz web
Telnet
CLI

ESPECIFICACIONES

Característica 1	**Gestión remota centralizada desde OLT para operadores ISP**
Característica 2	**Puerto 2.5 Gigabit para tráfico de alta capacidad sin cuellos de botella**
Característica 3	**Wi-Fi 7 dual band con 2 antenas de 5 dBi para cobertura estable**
Característica 4	**Compatibilidad dual GPON/EPON para despliegues de red flexibles**
Característica 5	**Consumo máximo de 18 W con fuente de 12 V incluida**
Característica 6	**Interfaz CATV integrado para servicios triple play**

MEMORIA TÉCNICA · V2804BE36T-H

Número de parte de esta ficha: V2804BE36T-H. La información corresponde a esta variante.

V2804BE36T-H
1XPON+4LAN+CATV+1USB+Wi-Fi 7 HGU ONT
Introduction:
V2804BE36T-H (1*2.5GE+3*GE+CATV+1*USB 2.0+Wi-Fi 7 XPON HGU ONT) is a broadband access device designed to meet the demands of fixed network operators for FTTH and triple-play services.
This ONT is based on a high-performance chip solution, supporting XPON dual-mode technology (EPON and GPON). With WiFi speeds of up to 3600Mbps, it also supports IEEE 802.11a/b/g/n/ac/ax/be WiFi 7 technology and other Layer 2/Layer 3 features, providing data services for carrier-grade FTTH applications. In addition, this ONT supports OAM/OMCI protocols, allowing configuration and management of various services on the VSOL OLT, making it easy to manage and maintain, and ensuring QoS for various services. It complies with international technical standards such as IEEE802.3ah and ITU-T G.984.
The V2804BE36T-H features 180° foldable antennas. With a bottom disc fiber structure design, it can be placed on a desktop or wall-mounted, adapting effortlessly to various scene styles!
Application Chart:
Key Features:
Next-Gen Gigabit Wi-Fi 7
2.4GHz & 5GHz Dual Band
Speed up to 3.6Gbps
Tray-mounted Fiber
Structure
Triple-play Services

High Performance
- Solution
180° Foldable
Antenna
Splitter
V2804BE36T-H
SC/APC
CATV
- WiFi Device
PC
IPC
CATV
OLT
CATV RF
- Optical Transmitter
CATV 1550nm
Internet
- EDFA
- Product Name Product Description Accessories
V2804BE36T-H 1*XPON+1*2.5GE+3*GE+CATV+1*USB 2.0+Wi-Fi 7 AC-DC power adaptor: DC12V / 1.0A
Dimension200mm×156.8mm×32.33mm(L×W×H)
Net weight0.35Kg
Operating
condition
Operating temp: -10 ~ +55°C
Operating humidity: 5 ~ 95% (non-condensed)
Storing
condition
Storing temp: -40 ~ +70°C
Storing humidity: 5 ~ 95% (non-condensed)
Power
adapter
- 12V/1.0A
Power
supply
≤13W
Interface
1*XPON+1*2.5GE+3*GE+CATV+1*USB2.0+Wi-Fi 7
Indicators
PWR ,PON ,LOS ,WAN ,LAN1~4 ,2.4G ,5G ,
WPS ,USB
Hardware Parameter
PON
Interface
- 1XPON port(EPON PX20+ and GPON Class B+)
- SC single mode, SC/APC connector
- TX optical power: 0～ +4dBm
- RX sensitivity: -27dBm
- Overload optical power: -3dBm(EPON) or
- -8dBm(GPON)
- Transmission distance: 20KM
- Wavelength: TX 1310nm, RX1490nm
User
interface
- 1×2.5GE+3×GE, Auto-negotiation,RJ45 ports
Antenna 2.4GHz\5GHz 2T2R, external antennas
CATV
interface
- Optical receiving wavelength: 1550±10nm
- Optical input range: +2～ -18dBm
- Optical reflection loss: ≥40dB
- RF frequency range: 47～ 1000MHz
- RF output impedance: 75Ω
- RF output level and AGC range:
- ≥79±2dBuv@ 0～ -11dBm
- MER: ≥32dB(-14dBm optical input)
Interface parameter
O&M
- WEB/TELNET/OAM/OMCI/TR069
- Support private OAM/OMCI protocol
Internet
connection
- Support routing mode
- Support bridge mode
Multicast
- IGMP v1/v2/v3, IGMP snooping
- MLD v1/v2 snooping
WIFI
- Wi-Fi 7: 802.11a/n/ac/ax/be 5GHz, 2.4GHz
- WiFi: 2.4GHz\5GHz 2×2, dual band
antennas, rate up to 3.6Gbps,Multiple SSID
- WiFi Encryption: WEP-64/WEP-128/
WPA/WPA2/WPA3
- Support OFDMA, MU-MIMO, Dynamic
QoS, 4096-QAM
- Smart Connect for one Wi-Fi name - One
SSID for 2.4GHz and 5GHz dual band
- Easy-Mesh R5
L2 802.1p Cos,802.1Q VLAN
L3
IPv4/IPv6, DHCP Client/Server,PPPoE,
NAT, DMZ, DDNS,Parental Control
Firewall
Anti-DDOS, ACL with URL, MAC, and IP-
based filtering
Function Data