

ONT-4GE-DW

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



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



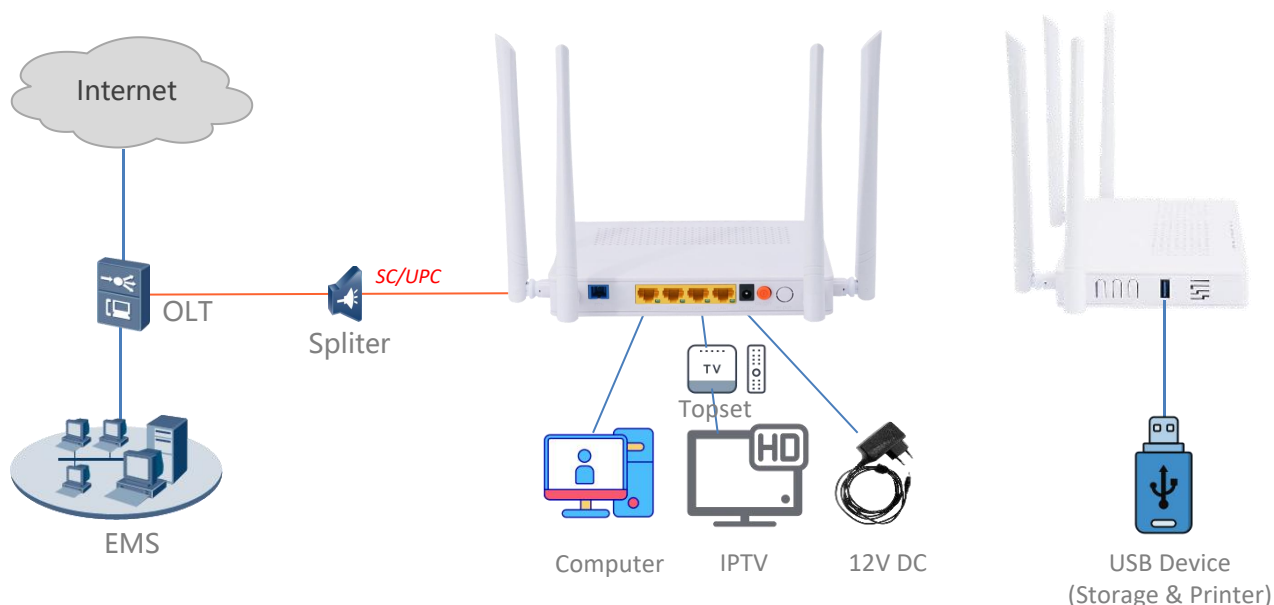
Introduction:

ONT-4GE-DW (4GE+WiFi5+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 SOFTTEL 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×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	Support bridge mode and route 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 SOFTEL OLT

Product Name	Product Description	Accessories
ONT-4GE-DW	4GE+WiFi 5+USB 3.0	AC-DC power adaptor: DC12V / 1A