

TONT-4610 1XPON + 4LAN + 1USB3.0 + CATV + Wi-Fi6 HGU ONT

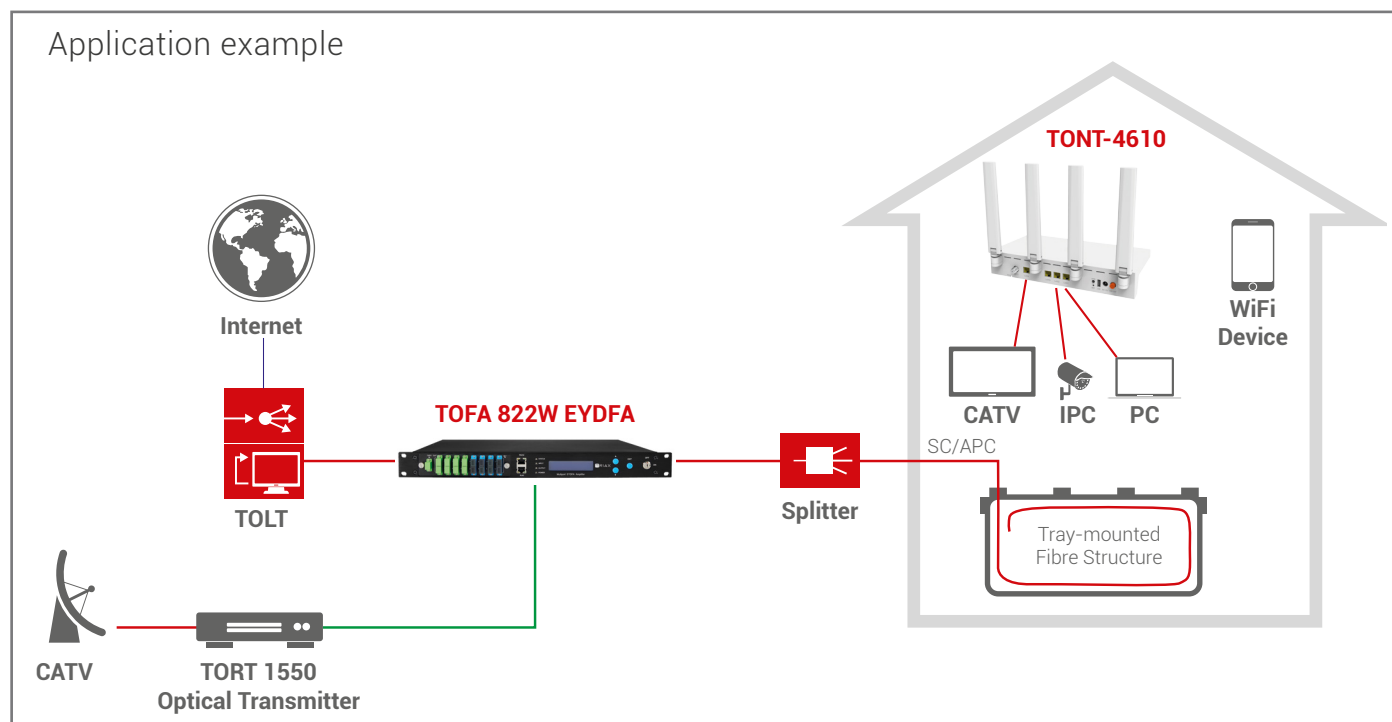
TONT-4610 (4GE+CATV+WiFi6 XPON HGU ONT) is a broadband access device designed to meet the demands of fixed network operators for FTTH and triple-play services. This ONT is based on a high performance chip solution, supporting XPON dualmode technology (EPON and GPON). With Wi-Fi speeds of up to 3000Mbps, it also supports IEEE 802.11b/g/n/ac/ax Wi-Fi 6 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 TRIAX TOLT, 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.

With a bottom disc fibre structure design to tidy fibre cable, it can be placed on a desktop or wall-mounted, adapting effortlessly to various locations.

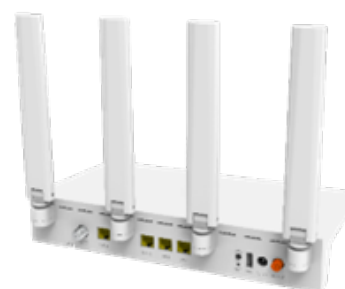


Application example



FEATURES

- High Performance Solution
- Next-Gen Gigabit Wi-Fi6 2.4GHz & 5GHz Dual Band Speed up to 3Gbps
- Fibre cable management tray



TONT-4610

ART. Number	308703	
	Product Description	Accessories
	1*XPON + 4*GE + 1USB3.0 + CATV + Wi-Fi6	AC-DC power adapter, DC12V/0.5A

Interface

PON	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
User interface	4 x GE, Auto-negotiation, RJ45 ports
Antenna	2.4GHz 2T2R, 5GHz 3T3R
CATV	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: ≥81±2dBuv@+1~-10dBm ≥79±2dBuv@ 0~-11dBm ≥77±2dBuv@-1~-12dBm ≥75±2dBuv@-2~-13dBm ≥73±2dBuv@-3~-14dBm ≥71±2dBuv@-4~-15dBm MER: ≥ 32dB (-14dBm optical input)

Function data

O&M	WEB/TELNET/OAM/OMCI/TR069 Supports private OAM/OMCI protocol and Unified network management
Internet connection	Supports Routing Mode
Multicast	IGMP v1/v2/v3, IGMP snooping, MLD v1/v2 snooping
Wi-Fi	Wi-Fi 6: 802.11a/n/ac/ax 5GHz, 2.4GHz - 2.4GHz 2x2, 5GHz 3x3, 5 antenna 4*External antenna, 1*Internal antenna, rate up to 3Gbps, Multiple SSID Wi-Fi Encryption: WPA/WPA2/WPA3 Supports OFDMA, MU-MIMO, Dynamic QoS, 1024-QAM Smart Connect for one Wi-Fi name - One SSID for 2.4GHz and 5GHz dual band
L2	802.1 p CoS, 802.1Q VLAN
L3	IPv4/IPv6, DHCP Client/Server, PPPoE, NAT, DMZ, DDNS
Firewall	Anti-DDOS, Filtering Based on ACL/MAC/URL

Electrical

Power adapter	DC 12V, 1.5A, external AC-DC power adaptor, ≤18W
Indicators	PWR, PON, LOS, WAN, LAN1~4, 2.4G, 5.0G, WPS, USB, CATV
Interfaces	1*XPON + 4*GE + 1*USB3.0 + CATV + Wi-Fi6

General

Operating condition	Operating temperature: -10 ~ +55°C
	Operating humidity: 5 ~ 95% (non-condensing)
Storage condition	Storage temperature: -40 ~ +70°C
	Storage humidity: 5~ 95% (non-condensing)
Packaging size (L x W x H) / Net weight	260 x 157.4 x 45.8mm / 0.55Kg