TRIAX
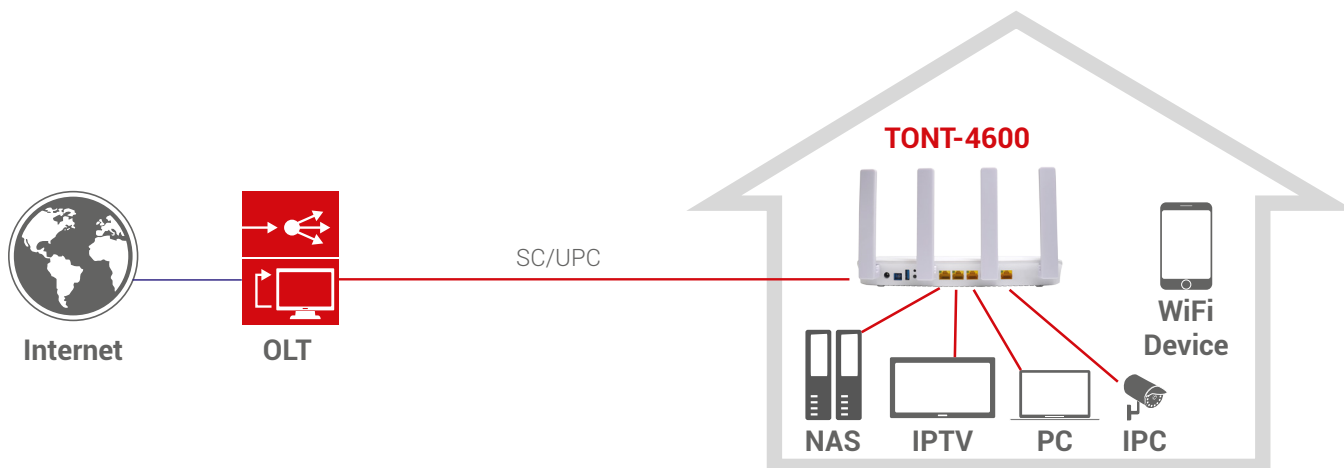
TONT-4600 1XPON + 4LAN + 1USB3.0 + Wi-Fi6 ONT

TONT-4600 (1∗2.5GbE, 3∗GE, Wi-Fi6, XPON, HGU ONT) is a broadband access device specially designed to meet the needs of fixed network operators for FTTH. The ONT is based on high-performance chip solutions, supports XPON dual-mode technology (EPON and GPON), and supports IEEE802.11b/g/n/ac/ax Wi-Fi 6 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 various services of the ONT can be configured and managed on the TRIAX TOLT. 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 example

FEATURES

- XPON + Wi-Fi6 + Gig+ performance
- Next-Gen Gigabit Wi-Fi6 2.4GHz & 5GHz Dual Band
- IPv4/IPv6 Dual Stack
- USB3.0 Interface for Shared Storage/Printer

TONT-4600		
ART. Number	308702	
	Product Description	Accessories
	1*XPON + 1*2.5GbE + 3*GE + WiFi6	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	1 x 2.5GbE + 3 x GE Auto-negotiation RJ45 ports	
Antenna	4 ×5dBi external antennas	
USB	1× USB 3.0 for shared storage/printer	
Function data		
O&M	WEB/TELNET/OAM/OMCI/TR069 Supports private OAM/OMCI protocol and Unified network management of TRIAX OLT	
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 & 802.11g/b/n/ax 2.4GHz Wi-Fi Encryption: WEP-64/WEP-128/ 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	802.1D&802.1ad bridge, 802.1p 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, ≤12W	
Indicators	PWR, PON, LOS, WAN, WiFi, ETH1~4, WPS, USB	
Interfaces	1*XPON + 1*2.5GbE + 3*GE + WiFi6	
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	250 x 145 x 36mm / 0.34Kg	