

## FTTH XPON ONT 4LAN WiFi6

8145X6



### Product Overview :

8145X6 ONT is a dual band WIFI 6 terminal, 5G and 2.4G band, in 5G band it has IEEE 802.11 WIFI / n /ac / AX, and in 2.4G band it has IEEE 802.11 b / g / AX. It has 2 external antennas and is MIMO 2 \* 2 in both bands. optical network terminals (ONTs) are utility devices in FTTH (fiber to housing)solutions; they provide ultra-wideband access for home users or small businesses (SOHOs) that use GPON technology.

### Features :

#### . Wide range of functions

The ONT 8145X6 of the features POTS ports and Gigabit Ethernet ports with auto-negotiation for high transmission performance. Optimize services with future-proofing with, which includes three main categories: bridge, voice bridge , and gateway.

#### . A smart device is already in your home!

8145X6 allows you to schedule Wi-Fi power on or off, supports portal/802.1X authentication and SoftWARE-based resource sharing, which greatly enhances the security of your data.

Product specifications		
Interface Parameter	LAN ports	4x 10/100/1000BaseTX (RJ45)
	WAN ports	1x Rj11
	PON standard	GPON
	Wireless network standards	IEEE 802.11ax
	USB port	2x USB
	VoIP ports	1x POTS
	GPON port	Class B Receiver sensitivity:-27 dBm Optical power at overload:-8 dBm Wavelength: US 1310 nm, DS 1490 nm Wavelength Blocking Filter (WBF) G.984.5 Flexible mapping between GEM Port and TCONT GPON: SN or password authentication compliant as defined in G.984.3 Bidirectional FEC SR-DBA and NSR-DBA Type B (single-homing)
	POTS port	Maximum REN value: 4 Encoding/decoding G.711A/μ, G.729a/b and G.722 Fax mode T.30/T.38/G.711 DTMF Emergency call (with SIP protocol)
	USB port	USB2.0 FTP based network storage SAMBA based file/print sharing DLNA function
	WLAN	IEEE 802.11 b/g/n/ax (2.4G) IEEE 802.11 a/n/ac/ax (5G) 2 × 2 MIMO (2.4G) 2 × 2 MIMO (5G) Antenna Gain: 5 dBi WMM/Multiple SSID/WPS 2.4G
	Ethernet port	Ethernet port-based VLAN tagging and tag removal 1:1 VLAN, N:1 VLAN or transparent broadcast VLAN QinQ VLAN MAC address learning limit MAC address learning Auto-adaptive 10 Mbit/s, 100 Mbit/s or 1000 Mbit/s

Product specifications		
<b>Function data</b>	Smart connection	Smart connection Intelligent Wi-Fi coverage SIP/H.248 auto-negotiation Any port, any service Parental control
	Intelligent Service	Scheduled Wi-Fi network shutdown Smart Wi-Fi sharing: Portal/802.1x authentication; SoftGRE-based sharing
	Intelligent operation and maintenance	IPTV video quality diagnostics eMDI Detection and isolation of rogue ONT from OLT Connection emulation, circuit test and loop line test PPPoE/DHCP simulation testing WLAN emulation
	Multicast	IGMP v2/v3 proxy/snooping MLD v1/v2 snooping
	Joint operation and maintenance	OMCI/Web UI/TR069 Variable-length OMCI messages Backing up and restoring two-system software
	Energy saving	Energy saving indicator COC V7
	Security	SPI Firewall Filtering based on MAC/IP/URL addresses
	QoS	Ethernet port speed limit 802.1p Priority SP/WRR/SP WRR Broadcast packet rate limiting
	Layer 3 functions	PPPoE/Static IP/DHCP NAT/NAPT Port forwarding ALG, UPnP DDNS/ DNS Server/ DNS Client Dual stack IPv6/IPv4, DSLite and IPv6 SPI Static/Default Routing Multiple services on one WAN port

Product specifications		
Hardware parameters	Memory	128M Flash, 256M RAM
	Home network function	Visualization of home network management User-defined bandwidth allocation Wi-Fi Optimization and Wi-Fi Roaming Wi-Fi Network Operation and Maintenance Intelligent Identification and Interference Protection
	Maximum power consumption	18 W
	Static energy consumption	6 W
	Power supply input	100-240 V AC, 50/60 Hz
	System power supply	11-14 V DC, 1.5 A
	Operating temperature	0°C to 40°C
	Operating humidity	5% RH to 95% RH (noncondensing)
	Indicators	Power/PON/LOS/LAN/TEL/USB/WLAN/WPS
	Weight	Approximately 372 g
	Dimensions (H x W x D) (without external antenna and pads)	35 mm x 195 mm x 125 mm



#### SUMICO

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#### توجه :

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