

FTTH XPON ONT 4LAN+ VOIP Wireless 1300 AC

8245Q2



Product Overview :

8245Q2 is an ONT terminal designed for GPON networks. It is equipped with 4 gigabit Ethernet ports, 2 USB ports and 1 RJ11 (POTS) phone port. The device enables wireless network transmission thanks to IEEE802.11ac standard and 3 x 3 MIMO technology. It works simultaneously at two frequencies, 450 Mbit/s at 2.4 Ghz and 1300 Mbit/s at 5 Ghz. The 8245Q2 terminal is an ideal solution for home (HGU- Home Gateway Unit) for FTTH scenarios. To easily create a intelligent home network, the gateway supports Layer 3 functionality. It provides users with Triple-play service (Internet, VoIP telephony, IPTV) . The offered product is equipped with a GPON port of SC/UPC class B+. The device uses a tower type standing casing. The set includes a 12 V 2 A power supply.

Key Features :

- 4 Gigabit Ethernet ports
- 1 RJ11 telephone port (POTS)
- 2 USB ports
- Dual band Wi-Fi radio, 2.4 GHz and 5 GHz AC
- 3 x 3 MIMO, up to 450 Mb/s in the 2.4 GHz band and up to 1300 Mb/s in the 5 GHz band
- Built-in antennas with 2 dBi gain

Product specifications		
Interfaces Parameter	GPON	Class B+ Sensitive reception: 27 dBm Wavelength: US 1310 nm, DS 1490 nm WBF Flexible mapping between the GEM and TCONT ports
	Ethernet port	4 ports 10/100/1000 BASE-T (Rj45)
	POTS Port	Maximum REN: 4 G.711A/μ, G.729a/b and G.722 Encoding/decoding T.30/T.38/G.711 fax mode DTMF
	USB port	2 USB 2.0 ports Possibility to create a network drive based on FTP
	WLAN	IEEE 802.11 b/g/n (2.4G) IEEE 802.11 a/n/ac (5G) 3 × 3 MIMO Antennas with 2 dBi gain WMM Multiple SSIDs WPS 450 Mbit/s (2.4 G); 1300 Mbit/s (5 G)
	LEDs	POWER/PON/LOS/TEL/LAN/WLAN/WPS/USB
Hardware Parameter	Dimensions	265 mm x 176 mm x 82 mm
	Weight	1500 g
	Permissible operating temperature	0°C to 40°C
	Permissible air humidity	5%-95% RH, non-condensing
	Power input	100-240 V AC, 50/60 Hz
	System power supply	11-14 V DC, 2 A
	Static power consumption	8 W
	Maximum power consumption	20.5 W

Product specifications		
Function data	Intelligent connection	Intelligent Wi-Fi coverage Automatic negotiation SIP/ H.248 All port services Parental control L2 / L3 transmission (IPv4): 1G uplink, 2G downlink
	Intelligent handling	Intelligent Wi-Fi sharing Authentication of portal 802.1 xSharing based on SoftGRE Linking one account to two POTS ports



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توجه :

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