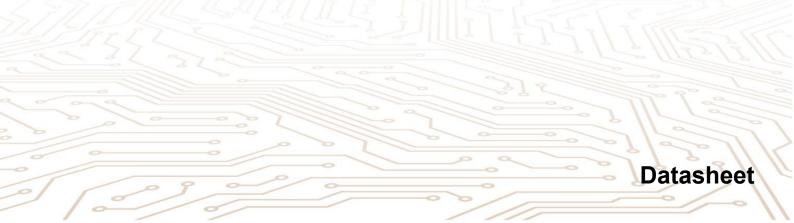


W626E-10-G Wi-Fi 6 ONU for Campus Gigabit Optical Access





Product Overview

The W626E-10-G is a Wi-Fi 6 ONU for campus gigabit optical access. It provides 4 GE ports, 1 POTS port, 1USB Port, and 2.4GHz&5GHz Wi-Fi 6 function. W626E-10-G implements ultra-broadband access for users in campus networking scenarios such as hotels, dormitories, and offices. Its high-performance forwarding capability effectively ensures voice, wired data, wireless Wi-Fi, and HD video service experience. Provides high-speed and simple network access experience for customers.

Device Parameters			
Operating Temperature	0°C to 40°C		
Operating Humidity	5% RH to 95% RH (non- condensing)		
Power Adapter Input	100-240 VAC, 50/60 Hz		
System Power Supply	12 VDC, 1.5A		
Static Power Consumption	5.5 W		
Maximum Power Consumption	17 W		
Dimensions (H \times W \times D)	200 mm \times 165 mm \times 36 mm (without bracket)		
Memory	128 MB Flash, 256 MB RAM		
Surge Protection Specifications	AC power supply: 6 kV in common mode and 4 kV in differential mode ETH: 2.5kV in common mode POTS: common mode: 2.5kV		
	Interface Parameters		
GPON port	POTS port		
Class B+ Receiver sensitivity: -27dBm Overload optical power: -8dBm Wavelengths: 1310nm upstream, 1490 nm downstream Wavelength blocking filter (WBF) of G.984.5 Flexible mapping between GEM Port and TCONU Authentication Mode: Password Bi-directional FEC SR-DBA and NSR-DBA Type B (single-homing&dual-homing)	 Maximum ringer equivalence number (REN): 4 G.711A/μ, G.729a/b and G.722 encoding/decoding T.30/T.38/G.711 fax mode DTMF Emergency calls (with the SIP protocol) USB Port		
	USB FTP-based network storage File/Print sharing based on SAMBA DLNA function		
WLAN	Ethernet port		
 IEEE 802.11b /g/n/ax (2.4GHz) IEEE 802.11a /n/ac/ax (5GHz) 2 × 2 MIMO (2.4GHz&5GHz) Antenna Gain: 2dBi Maximum number of SSIDs on the radio: 4 Maximum Number of Users on the radio: A maximum of 64 per frequency band Maximum Transmit Power on the radio: 27dBm(2.4GHz), 27dBm(5GHz) WMM (Wi-Fi Multi Media), Multiple SSIDs, WPS 2.4GHz&5GHz concurrent Air interface rate: 574 Mbit/s (2.4GHz), 2402 Mbit/s (5GHz) Beamforming Band steering DL OFDMA DL MU-MIMO 1024QAM 160MHz frequency bandwidth 1 DCM BSS Coloring 	 Ethernet port-based VLAN tags and tag removal 1:1 VLAN, N:1 VLAN, or VLAN transparent transmission QinQ VLAN Limit on the number of learned MAC addresses MAC address learning Auto-adaptive 10 Mbit/s, 100 Mbit/s or 1000 Mbit/s 		

· WPA3



Product Function

Smart Interconnection	Smart Service	Smart O&M	Common O&M
 Smart Wi-Fi coverage SIP/H.248 auto-negotiation Any port any service Parental control 	 Anti-squatter Scheduled Wi-Fi shutdown Smart Wi-Fi sharing:Portal/802.1 x authentication; SoftGRE-based sharing 	 IPTV video quality diagnosis eMDI Rogue ONU detection and isolation from the OLT Call emulation, and circuit test and loop-line test PPPoE/DHCP simulation testing One-click diagnosis (Web) 	OMCI/WebUI/TR069 Variable-length OMCI messages Dual-system software backup and rollback
Multicast	Security	QoS	Layer 3 features
 IGMP v2/v3 proxy/snooping MLD v1/v2 snooping Power Saving Indicator power saving COC V8 	 SPI firewall Filtering based on MAC/IP/URL addresses Supports 802.1X authentication ONU Port-Level Hard- Isolated 	 Ethernet port rate limitation 802.1p priority SP/WRR/SP+WRR Broadcast packet rate limitation 	PPPoE/Static IP/DHCP NAT/NAPT Port forwarding ALG,UPnP DDNS/DNS server/DNS client IPv6/IPv4 dual stack, DS-Lite and IPv6 SPI Static/Default routes Multiple services on one WAN port

Network Management

- · Visualized network management
- · User-defined bandwidth allocation
- · Wi-Fi optimization & Wi-Fi roaming
- · Wi-Fi O&M
- · Intelligent identification and anti-interference
- Tunnel data forwarding using control and provisioning of wireless access points (CAPWAP) in FIT mode
- · Centralized Wi-Fi 6 ONU management and maintenance using the built-in AC of an OLT in FIT mode

WLAN Security

- · Open system authentication
- \cdot $\;$ WEP authentication/encryption is supported. The encryption word length is 64-bit or 128-bit
- WPA2-PSK authentication/encryption (WPA2 Personal Edition)
- $\cdot \quad \text{Connected to 802.1 X authentication/encryption (connected Enterprise Edition)}$
- \cdot WPA3-SAE authentication and encryption (WPA3 personal edition)
- · WPA3 802.1 X authentication/encryption (WPA3 Enterprise Edition)
- · Supports WPA-WPA2 hybrid authentication. Supports WPA2-WPA3 hybrid authentication
- \cdot Supports 802.1X authentication, and MAC address authentication
- · Supports Wi-Fi management frame encryption



Ignite future, connect world



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