FD624GS3-R850

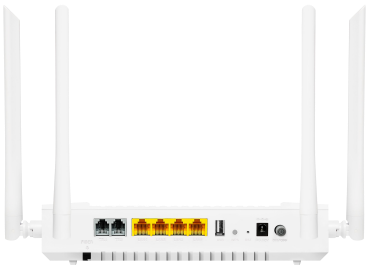
4GE+2POTS+2WIFI6(AX3000) XPON ONU

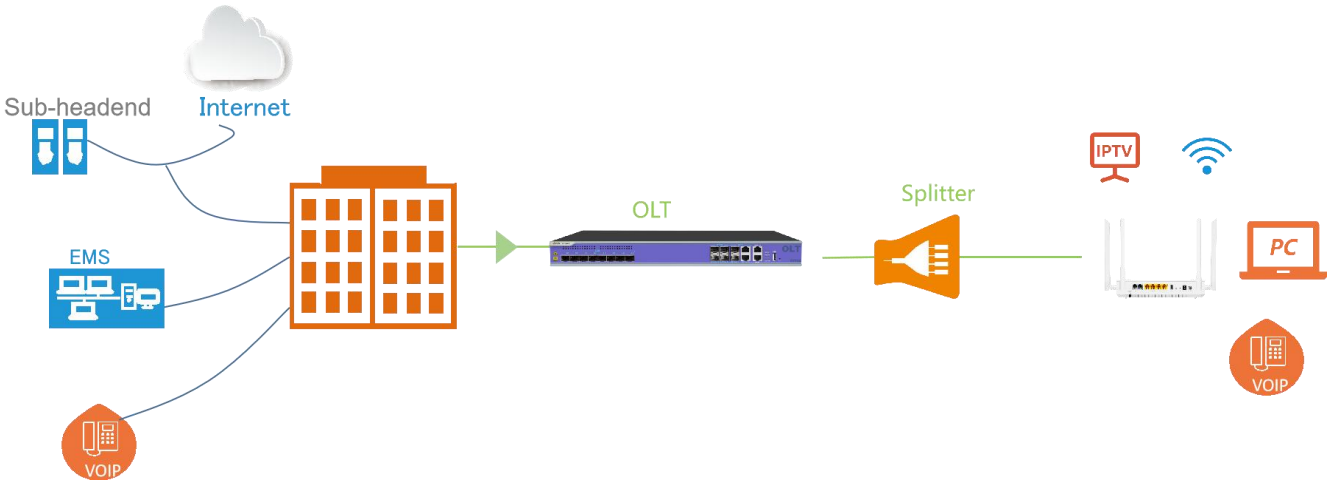
High Speed CPU | Low Power Consumption | Software Customization | Optional Shell Supply

Brief Views

FD624GS3-R850 is WiFi6 xPON VoIP Gateway ONT,it support 802.11a/b/g/n/ac/ax standards over 2.4GHz and 5GHz,max speed can up to 3000Mpbs.

FD624GS3-R850 have a high reliability and provide quality of service guarantee, easy management, flexible expansion and networking. It fully meets the ITU-T and IEEE technical standards and have good compatibility with third party OLT.

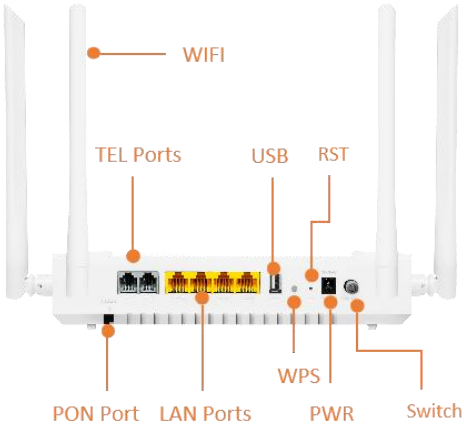


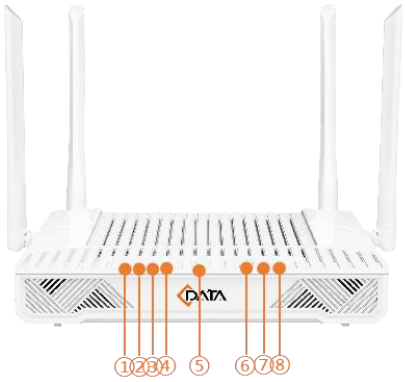


Functional Feature

- In compliant with IEEE802.3ah and ITU - T G.984 standard
- Support ONU auto-discovery/Link detection/remote upgrade of software
- Support SN and LOID+Password multiple registration methods
- Support port VLAN configuration
- Support port-based rate limitation and bandwidth control
- Support port flow-control
- Support MAC address learning
- Support MAC address learning account limit
- Support broadcasting storm resistance function
- Support Dynamic Bandwidth Allocation (DBA)
- Support AES encryption and decryption
- EMS network management based on SNMP ,convenient for maintenance
- Support power-off alarm function ,easy for link problem detection
- Support Firewall
- Support MAC address/URL filter
- Support Remote WEB/Telnet access control
- Support VLAN transparent/tag/translate/trunk

Product Interface and LED





① PWR
② PON
③ LOS
④ INT
⑤ LAN1-4
⑥ TEL1-2
⑦ WIFI
⑧ USB

LED Definitions

Indicator		Description
PWR	Power status	On: The ONT is power on; Off: The ONT is Power off;
PON	ONT Register	On: Success to register to OLT; Blinking: In process of registering to OLT; Off:Failed to register to OLT or no normal optical signal input;
LOS	PON optical signals	On: Optical power lower than receiver sensitivity; Off: Optical in normal;
LAN1-4	LAN port status	On: Ethernet connection is normal; Blinking: Data is being transmitted through the Ethernet port; Off: Ethernet connection is not set up;
INT	Internet status indicator	On: The routed WAN Internet access service is normal. Off: The routed WAN Internet access service is abnormal.
TEL1-4	Telephone port status	On:The connection between the TEL port and the voice server has been set up Blinking:The voice service of the TEL port is established; Off:The connection between the TEL port and the voice server is not set up.
WIFI	WIFI	Blinking:Data is being transmitted On:WIFI function Opens
USB	USB port status	On: USB connection is normal; Off: USB connection is not set up;

Product Specification

Mechanics	
Dimensions	210mm(L)*135mm(W)*45mm(H)
Weight	About 300g

Hardware		
User Port (LAN)		RJ-45 connector
		4* 10/100/1000Mbps adaptive Ethernet port
		Full/half duplex
		Auto MDI/MDI-X
Indicators		PWR / PON / LOS / LAN1-4 / INT / TEL1-2 / WIFI / USB
PON Port	PON Mode	EPON： 1000BASE-PX20+ symmetric GPON： FSAN G.984.2 standard,Class B+
	PON Rate	EPON： 1.25Gbps downstream/upstream

		GPON： 2.488Gbps/1.244Gbps downstream/upstream	
	Wavelength	Transmit: 1310nm	Receiver: 1490nm
	Receiving sensitivity	EPON： -27dBm	GPON： -28dBm
	Saturated power	EPON： -3dBm	GPON： -8dBm
	Transmitting power	EPON:0～4dBm	GPON： 0.5～5dBm

WIFI
IEEE802.11b/g/n(2.4G) IEEE802.11a/n/ac/ax(5G)
2.4G: 40Mhz bandwidth maximum rate 574Mbps 5G： 160Mhz bandwidth maximum rate 2402Mbps Total wireless rate is 3000Mbps
2.4G EIRP:22dBm / 5 G EIRP:21dBm

User Port(POTS)
RJ-11 connector
2*accounts
SIP protocol
TDMF
G711U/G711A/G729/G722 encoding and decoding

Environment	
Working temperature	0 to 40° C
Operating humidity	10% ~ 90% (Non-condensing)

Power	
External 12VDC/2A power supply adapter	
Power consumption	<23.3W

Copyright © Shenzhen C-Data Technology Co., Ltd. 2023. All rights reserved.

Without the prior written consent of C-DATA, any reproduction, excerpting, backup, modification, translation or any other form of commercial use of this document or any portion of this document, and in any form or by any means, to transmit the document are prohibited.