

FD514TS3-R850s

4GE+2WIFI6(AX3000) XGSPON ONU



High Speed CPU



Low Power Consumption



Software Customization

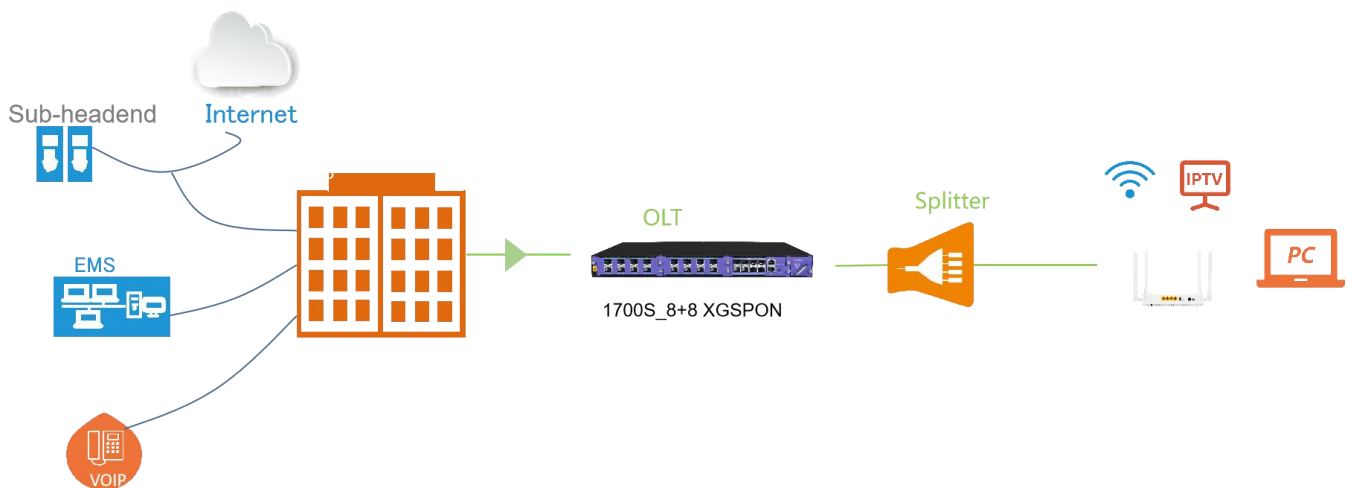
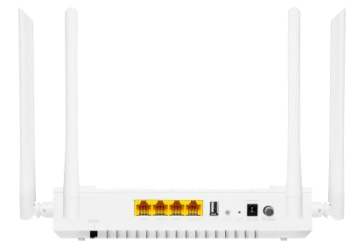


Optional Shell Supply

Brief Views

FD514TS3-R850s is WiFi6 XGSPON Gateway ONT, it support 802.11a/b/g/n/ac/ax standards over 2.4GHz and 5GHz, max speed can up to 3000Mbps.

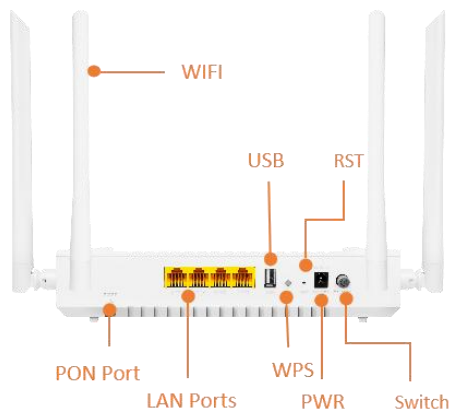
FD514TS3-R850s have a high reliability and provide quality of service guarantee, easy management, flexible expansion and networking.



Functional Feature

- 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 VLAN transparent/tag/translate/trunk
- 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

Product Interface and LED



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.
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 220g

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 / WIFI / USB		
PON Port	PON Mode	XGSPON: FSAN G.9807.1 standard	
	PON Rate	XGSPON: 10Gbps/10Gbps downstream/upstream	
	Wavelength	Transmit: 1270nm	Receiver: 1577nm
	Receiving sensitivity	XGSPON: -28dBm	
	Saturated power	XGSPON: -9dBm	
	Average sending	XGSPON: +4 ~ +9dBm	

WIFI

IEEE802.11b/g/n/ax(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

Environment

Working temperature

0 to 40° C

Operating humidity

10% ~ 90% (Non-condensing)

Power

External 12VDC/2A power supply adapter

Power consumption

<22.3W

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