



Xunison Hub D50-LTE

AC1200

LTE Wireless Gateway

- 2*2 MU-MIMO
- Simultaneous dual-band Wi-Fi
- Speeds up to 300 Mbps
- VoLTE supported



Surf the Internet
Anytime, Anywhere

Product Introduction

The Xunison Hub D50 LTE provides the capability for a user to connect to their chosen LTE network using their mobile network SIM card.

The device provides both wireless and wired connection capabilities, with the option to connect using the mobile network or using a standard broadband connection.



Support 802.11 a/b/g/n/ac
Latest wireless technology with backward compatibility



High-Speed Wi-Fi 5
Simultaneous dual-band Wi-Fi. High power and wide coverage area.



Support Global Mainstream Bands
3GPP release 11 standards



Security Assurance
Stable firewall, Supports multiple filtering rules, Multiple security protocols, WEP/WPA/WPA2-PSK security.



VoLTE
Voice service standard that supports high-speed wireless communications in the IoT devices, smart phones and data terminals.



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Xunison Hub D50-LTE

SPECIFICATIONS

Supported Frequency Bands	Support global main-stream frequency band
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Output Power	WCDMA: 24 dBm+1/-3 dB
	LTE-TDD: 23 dBm \pm 2 dB
	LTE-FDD: 23 dBm \pm 2 dB

Physical Interface	WAN/LAN port 1 \times GE
	LAN port 2 \times GE
	Phone port 1 \times FXS
	SIM slot \times 1
	USB2.0 port \times 1

LTE Antennas	External 2 \times 2 LTE antennas
	Omni-Directional antennas
	Gain: 4dBi

Wi-Fi Antennas	Internal 2 \times 2 2.4GHz antennas
	Internal 2 \times 2 5GHz antennas
	Omnidirectional antennas
	Gain: 3dBi

Max. Data Transmission Rates	LTE-FDD: 300 Mbps (DL)/ 50 Mbps (UL)
	LTE-TDD: 220 Mbps (DL)/ 30 Mbps (UL)
	WCDMA: 384 Kbps (DL)/ 384 Kbps (UL)

Buttons	WPS Button
	Wi-Fi Button
	Reset Button



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Management	Web UI local management
	TR069 remote management
	Universal Plug and Play (UPnP)
	Online and local software upgrade
	local diagnostic

LED Indicators	Phone indicator
	WPS indicator
	2.4GHz Wi-Fi indicator
	5GHz Wi-Fi indicator
	LAN indicator
	Internet indicator
	Reset Button
	System indicator
	LTE indicator
	LAN indicator
	Power indicator

Wireless Module	Auto/manually network search
	SIM/BAND/Cell/PLMN Lock
	SMS
	Traffic statistics

Network Protocols and Features	Connection modes: PPPoE/DHCP/Static
	IPv4, IPv6, IPv4/IPv6
	DHCP v4/v6 server
	Static (v4/v6) routing
	NAT/ALG/DMZ/virtual server
	ARP/ICMP/DNS proxy
	NTP
	VLAN



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Wireless LAN	Support 802.11 a/b/g/n/ac standards
	2.4GHz/5GHz frequency range
	20/40/80 MHz bandwidth
	Channel adaption
	MSSID
	WPS: PBC/PIN modes
	WEP/WPA-PSK/WPA2-PSK security
	AP Isolation
	SSID Isolation
	SSID and WAN binding

Quality of Service Control	802.11e WMM
	Classification of service flow*
	Port/VLAN/ IP rate limitation*

Operation Modes	Bridge
	Route

Security	Built-in NAT firewall
	Defense of DoS, ARP attacks/Port scan
	MAC, URL filtering
	IP/protocol/Inflow/outflow filtering

VoIP / Voice service	SIP/IMS SIP protocol
	Call forwarding
	Number hiding
	Call waiting and call holding

Physical Specification	Dimensions: L112mm*H172mm*W45mm (without antennas)
	Operating temperature: -10°C to 45°
	Storage temperature: -40°C to 70°C
	Humidity: 5% to 95% (non-condensing)



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Xunison Hub D50-LTE

Package Includes	Xunison Hub D50-LTE
	Quick Start Guide
	Power Adapter
	Ethernet Cable

DEVICE IMAGES



DEVICE IDENTIFICATION

Brand	Xunison
Device name	Xunison Hub D50-LTE
SKU:	R4-NN-D2-QC-131
Part Number	R4Q-D50-1G-DB2-EM
Barcode	0754590921848
Serial Number	0101220084XXXXXX



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