Fixed Wireless Access

Using 5G to bring better broadband to more people

5G

5G Indoor CPE
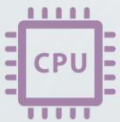
CPU	6		(((·)))	
Snapdragon X62	Wi-Fi 6 Standard	Gigabit Ethernet	5G/4G	Plug & Play

Micro-SIM	Web UI Management	SMS	Palm-Size	Multi Installation

OFDMA + MU-MIMO

A smooth multi-device user experience

OFDMA technology allows data transmission to up to 16 devices simultaneously with low latency, for more enjoyable group voice chats or multi-player gaming! MU-MIMO technology enables more devices to send and receive data at the same time, for lightning-fast speeds whether you're browsing the web or watching videos online!

High 160MHz bandwidth

Double the bandwidth, double the speed

If bandwidth is like a motorway, then conventional 80MHz bandwidth is often congested with heavy traffic.With 160MHz bandwidth, the width of every lane and the theoretical speed are both doubled. This keeps the motorway from getting congested and gives you a smoother online experience when downloading games or surfing the Internet.

2x2 80MHz

2x2 160MHz
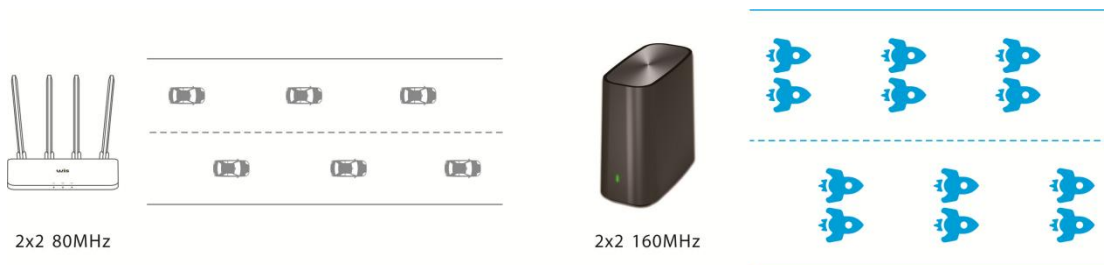
Accelerate Your Business in Most Environment

Desktop Installation

Household

Hardware

5G Modem	Qualcomm Snapdragon X62 5G modem
Main Chipset	Cortex-A53@1.0GHz, Quad-core IPQ5018
Communication Standard	3GPP Release 16
Access mode	5G SA/NSA
	4G LTE TDD/FDD
Celluar Data rate	5G SA: 2.4Gbps DL, 900Mbps UL
	5G NSA: 3.2Gbps DL, 600Mbps UL
	4G DL Cat19 / UL Cat18: 1600Mbps DL, 200Mbps UL
MIMO	4*4
Led Indicator	1xWiFi ,4xSignal strength
Ports	1*SIM card slot, 4*Gigabit Ethernet ports 1* Reset
Reset button	x 1
WPS button	x 1
Power Supply	12VDC / 2A
Environment	Operating temperature: 0℃ ~ 40℃
	Storage temperature: -20℃ ~ 70℃
	Humidity: 5% ~ 95% (non-condensing)

WIFI Specification

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Wi-Fi CPU	QCN6102
WLAN standard	IEEE 802.11a/n/ac/ax
2.4GHz Wi-Fi	2×2 (supports up to IEEE 802.11ax protocol, the theoretical maximum rate is 574Mbps)
5GHz Wi-Fi	2×2 (supports up to IEEE 802.11ax protocol, the theoretical maximum rate is 2402Mbps)
Dual-band	2.4GHz, 5GHz
Channel Bandwidth	20MHz, 40MHz, 80MHz, 160MHz
Modulation	11b：DSSS：DBPSK(1Mbps),DQPSK(2Mbps),CCK(5.5/11Mbps)
	11a/g：OFDM:BPSK(6/9Mbps),QPSK(12/18Mbps),16QAM(24/36Mbps), 4QAM(48/54Mbps)
	11n：MIMO-OFDM:BPSK,QPSK,16QAM,64QAM.256QAM.
	11ac：MIMO-OFDM:BPSK,QPSK,16QAM,64QAM,256QAM.
	11ax：MIMO-OFDM:BPSK,QPSK,16QAM,64QAM,256QAM,1024QAM
Antenna Gain	2*5dBi

Physical Properties

Product color	Black
Dimensions	184x70x152mm (not Included Antenna)
Weight	500g
Operating Temperature	0~+40℃
Storage Temperature	-20~+70℃
Humidity	95% (No-condensing)

Software

Language	Chinese, English,Spanish,Korean,Russian,Portuguese,Hebrew
Network settings	Dynamic IP mode, PPPoE mode, static IP mode, default dynamic IP
Mobile connection	5G/4G/3G Mode, search operator,
local area network	DHCP settings, the default LAN address is 192.168.1.1/24
WiFi settings	WiFi switch, name, password, protocol, bandwidth, channel, hidden
Black and white list	Add (can be imported from user list), delete, move black and white list
WPS	PIN code access, PBC access
Band Lock	Lock 5G/LTE connect band
PCI Lock	Lock 5G/LTE connect cell
APN	The relevant information of APN will be automatically adapted according to the inserted SIM card
AT Command	WebGui integrated AT Command interface, you can query and configure module parameters by input AT Command
VPN client	There are two main types of VPN client configuration: PPTP and L2TP
SMS	Plug in a usable SIM card, you can realize the functions of sending short messages and receiving short messages
Port Mapping	Open the local port service so that users can access the internal private network from the Internet
MAC filtering	Set access and forwarding rules based on MAC
IP filtering	Set access and forwarding rules based on IP
DDNS	DDNS maps a user's dynamic IP address to a fixed domain name resolution service, so that users can directly access it through the domain name
SMNP	Managed device through SNMP. Support SNMPV1,SNMPV2
TR069	The management server in the network management model defined by the TR069 protocol is called an automatic configuration server (ACS), and is responsible for the management of user terminal equipment (CPE). The ACS server can restart, reset, and upgrade CPE according to the TR069 protocol, which can realize the function of managing multiple routers
change Password	Change the login Password
Backup, upgrade	Download the backed up configuration, upload the backed up configuration, upgrade firmware
Reboot, Reset	Contains immediate reboot and reset to factory

Dimensions (mm)

167mm

85mm

168 mm
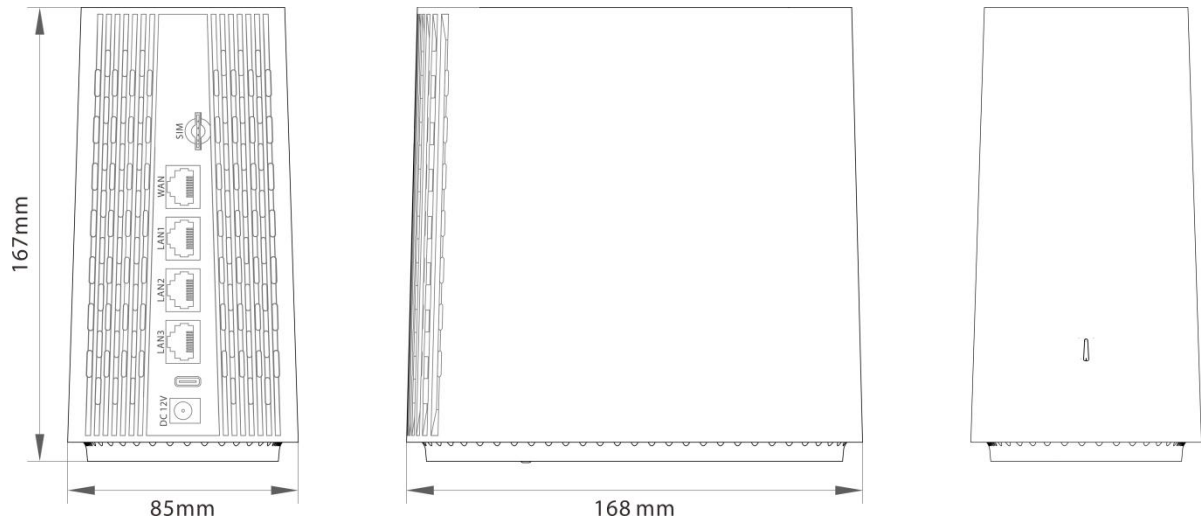
Accessories

20116751

Adapter

Cable

Quick Setup Guide

Quick Setup Guide

Wi-Fi 6 Gigabit PoE Router

*Note: Contact us if you need any other special accessories or customized accessories.