



ComFi CM55

5G Wi-Fi 6 CPE

- Exquisite and Beautiful, Ready to Use with Card Insertion
- Support 5G Cellular Data Network Frequency Bands
- Supports Dual Band Wi-Fi 6
- Data Rate Up to 3000Mbps

Product Description

ComFi CM55 is a cost-effective home 5G dual-band wireless router product that provides superior wireless access performance and comprehensive routing capabilities, bringing wireless broadband data services to end users. It accesses the 5G cellular network through the Wi-Fi and LAN ports , and supports multiple mobile phones, laptops, tablets and other smart devices to access the Internet at the same time.

Product View



Product Specifications

Product Model	CM55
Main Chip	ZX298501S main frequency 2GHz
Wi-Fi Chipse	RTL8192XBR+RTL8832CR
Flash	4Gb Nand Flash
Memory	4Gb DDR
USIM/SIM	3FF SIM card support SIM/USIM/UIM, standard 6 PIN SIM card interface, support 3V SIM card and 1.8V SIM card; internal
USB	Type-C
Receive Diversity	Support
NFC	Support
LAN/WAN network port	1 x 2.5G, 3 x Gigabit Ethernet ports
ESD static electricity	ESD Protection circuit, Contact $\pm$ 6KV、Air $\pm$ 10KV
Power Input	DC12V2A
Buttons	Reset button
LED Indicators	Power indicator light x 1, 5G indicator light x 1, 4G indicator light x 1, Wi-Fi indicator light x 1
Size	136x52x190mm
Weight	516g
Work Environment	Operating Temperature: -10 °C to 45°C; Storage Temperature: -20°C to 60°C; Humidity: 5% ~ 95%

Cellular Network Technical Specifications

Technical Standard	Supports 5G/4G
Frequency Band Support	5G: n1/n3/n5/n7/n8/n20/n28/n34/n38/n39/n40/n41/n77/n78 4G: B1/B3/B5/B7/B8/B20/B28/B34/B38/B39/B40/B41/B42/B43
Maximum data throughput rate	NR: Downlink/Uplink (theoretical value) up to 4Gbps/900Mbps LTE: Downlink/Uplink up to 300Mbps/50Mbps
MIMO	4*4 (n1/n41/n77/n78)
Antenna Type	built-in antenna

Wi-Fi Technical Specifications

Protocol Standards	IEEE 802.11a/b/g/n/ac/ax
Channel Bandwidth	20MHz,40MHz,80MHz,160MHz
Frequency	2.4GHz+5.8GHz
Maximum rate	2.4G provides a maximum access rate of 574Mbps, and 5G provides a maximum access rate of 2402Mbps
TX/RX	2T2R
Antenna Type	built-in antenna,Support MIMO (2X2)

Basic Software Functions

UI	WebUI , Mobile WEB UI
IP Protocol	IPv4/IPv6
Wi-Fi Mode	AP
Short Message	Send and receive short messages/phone book
Dial Method	Automatic and manual dialing Network mode selection(AUTO/ 5G NSA/ 5G SA/ 4G)
Band Lock	Lock frequency band search
Wi-Fi Security	WPA/WPA2/WPA3 personal, AES-CCMP, SAE,WPS2.0
Firewall	Mac/IP address filter, Port filter,Port forwarding,UPNP,DMZ
Data Statistics	Support
VPN Pass Through	PP2P/L2TP
SIM Lock	Support
SNTP	Support
DMZ	Support
HTTP	Support
HTTPS	Not Support
Automatic APN matching according to USIM	Support
SW Update	Local Update, Fota
Traffic Statistics	Support

Ordering Information

Product Model	Product specifications
ComFi CM55	Product complete machine, power adapter , network cable, instruction manual

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