



ComFi CG11 4G WiFi6 CPE

- Exquisite and Beautiful , Easy to Use
- Support Battery
- 4G Cat4
- Support WiFi6
- Support eSIM(Optional)

Product Description

ComFi CG11 is a cost-effective home 4G LTE wireless router product that provides superior wireless access performance and comprehensive routing capabilities, bringing wireless broadband data services to end users. Through 4G to WIFI and LAN port access to wide area network transmission, it supports multiple mobile phones, phones, laptops, tablets and other smart devices to access the Internet.

Product Specifications

Product Model	CG11
Main Chip	ASR 1803
Radio Frequency	NV7643
Capacity	256Mb + 128Mb
USIM Card	External SIM card: 1.8V/3.0V Nano SIM 4 FF Built-in SIM card: Support
Ethernet Port	RJ45×1, 10/100M adaptive
USB Interface	USB 2.0 Type-C port × 1
Battery	Built-in 3800 mAh battery
Power Switch	Power button, press and hold for 8 seconds and the device will automatically restart
Reset Button	Reset button: Press and hold for 8 seconds
LED Indicators	Power light × 1 WLAN (WPS) light × 1 Ethernet port status light × 1 mobile data connection status light × 1
Size	Diameter 70 mm (D) * Height 150 mm (H)
Weight	About 130 grams
Work Environment	Normal operating temperature: 0°C to 45 °C; Storage temperature: -20 ° C to 60 °C; Humidity: 5% to 95% (no condensation)

4G/3G/2G Wireless Network Technical Specifications

Wireless Access Technology	TD-LTE, FDD -LTE , UMTS	
Frequency Band Support	<p style="text-align: center;">CN</p>	<p style="text-align: center;">EU</p>
	FDD: B1/B3/B5/B8 TDD: B38/B40/B41 UMTS: B1 / B5 / B8	FDD: B1/3/5/7/8/20/28 TDD: B38/40/41 UMTS: B1/5/8
Uplink and Downlink Peak Rates	LTE FDD: Max 150Mbps (DL) / Max 50Mbps (UL) LTE TDD: Max 130Mbps (DL) / Max 35Mbps (UL) WCDMA: Max 21Mbps (DL) / Max 5.76Mbps (UL)	
LTE BAND	1.4/3/5/ 10/ 15/20 MHz, 3GPP compliant	
Modulation	QPSK/ 16-QAM/64-QAM, compliant with 3GPP	
	QPSK/ 16-QAM compliant with 3GPP	
Receiving Sensitivity	-101±1dBm@LTE -110±3dBm@WCDMA Meet 3GPP standards	
Maximum Output Power	LTE FDD: 23dBm±2dB LTE TDD: 23dBm±2dB WCDMA: 24dBm+1dB/-3dB	
Antenna Type	Built-in dual antennas to meet 2*2 MIMO requirements	

WiFi Technical Specifications

Chip Solution	AIC8800DW
Protocol Standards	IEEE 802.11b/g/n/ax
Channel Bandwidth	20MHz, 40MHz
Frequency	2.4G
TX/RX	2T2R

MIMO Antennas	DL: 2X2
Peak Rate	802.11b: 11Mbps 802.11g: 54Mbps 802.11n: 75/150 Mbps 802.11ax: 286Mbps/229Mbps
Receiving Sensitivity	<-76dBm at the antenna port,QPSK,11Mbps,1024 Byte PSDU @ 802.11b <-65dBm at the antenna port,64QAM,54Mbps,1024 Byte PSDU @ 802.11g -64dBm at the antenna port,64QAM,65Mbps,4096 Byte PSDU @ 802.11n(HT20) <-61dBm at the antenna port,64QAM,135Mbps,4096 Byte PSDU@ 802.11n(HT40)
Maximum Transmit Power	17 dBm @ 802.11b 15 dBm @ 802.11g 14 dBm @ 802.11n 12dBm @ 802.11ax
Antenna Type	Internal antenna
Number of Users	Max 16

Basic Software Functions

Language Support	Chinese, English
IP Protocol	IPv4/IPv6
Dial Method	Automatic and manual dialing Network mode selection (3G/4G/Auto)
LTE Band Search Mode	Full frequency band search, locked frequency band search
WLAN	WPA1 encryption/WPA2 encryption/WPA-WPA2 mixed/WPA3-SAE/WPA2-WPA3
APN	Automatically match APN function according to USIM Support APN management
NAT	Port forwarding, DMZ
Firewall	IP/MAC/URL filter, access control, blocking port scan/SYN Flood
Diagnosis	TCP Dump, Ping, Trace route
Statistics	LTE network status/connection time/system uptime/device status, DHCP client list, WiFi site list, LTE status, firewall status
Maintain	Statistics
System Log	Operation log, operation log, log management

Ordering Information

Product Model	Product specifications (different models and specifications have different prices)
ComFi CG11	Built-in antenna, with battery
Product Packaging	Complete product, Type-C power cable , network cable, instruction manual

Product Picture



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