

ComFi C110

4G Wireless Router / CPE

Product Specifications



- Plug and Play, Fast and Easy Installation For Use
- Support 4G LTE CAT4 LTE-FDD and LTE-TDD
- 300Mbps 2.4GHz WIFI For Multiple Concurrent Connections
- Multiple Fast Ethernet Port, 1 WAN 3 LAN Ethernet Connection
- Omni-Directional High Gain 4G Internal Antenna or External Antenna

Product Description

The ComFi C110 4G LTE WiFi Router / CPE (Customer Premise Equipment) provides superior wireless access performance and comprehensive routing capabilities to bring wireless broadband data and 4G voice services to end-users. It converts high-speed LTE FDD/TDD signal to Wi-Fi signals on the local area network (LAN) and Wireless LAN (WLAN). Wireless and wired devices which including mobile phones, laptops, tablets, printers, IP cameras and other smart devices, can access the ComFi C110 4G LTE WiFi Router / CPE simultaneously.

Hardware Specifications

Main Hardware

Main Chipset	MT7628DAN 32-bit MIPS24KEc 580MHz SoC
Flash	8MB
RAM	64MB DDR
WIFI	2.4GHz 2T2R MIMO 300Mbps
4G LTE	Quectel EC200A, 3GPP Release 9, CAT4 modem
SIM Card	1 x SIM/USIM Slot, 1.8V / 3.0V 2FF USIM
Ethernet	4 x RJ45 10/100Mbps Ethernet Port, Adaptive, Auto MDX (1 WAN + 3 LAN)
USB	1 x USB 2.0 Host Port (For Debug Purpose Only)
Power Supply	1 x Power Adapter: Power Input 100V-240V AC 50/60Hz, Power Output 12V/1A DC Power
	1 x Standard Power Input Jack, 12VDC
Power Button	Power ON/OFF Switch Button
Reset	1 x Pin-hole Reset Button. Long press 3-second to activate factory settings restore
WPS	1 x WPS Button
LED Indicators	1 x Power LED indicator
	1 x WPS/WLAN LED indicator
	1 x LAN LED Indicator
	1 x LTE Internet LED indicator
	4 x Cellular Signal Strength LED Indicator
Dimensions	170mm (L) x 55mm (W) x 154mm (H)

Weight	Approx. 390g
Operating Temperature	-20°C ~ +60°C
Storage Temperature	-25°C ~ +70°C
Operating Humidity	5% ~ 95% (Non-condensing)

4G/3G/2G Technical Specifications

LTE Category	LTE Cat 4	
Frequency*	CN Version	LTE-FDD: B1, B3, B5, B8 LTE-TDD: B34, B38, B39, B40, B41 WCDMA: B1, B5, B8 GSM: B3, B8
	EU Version	LTE-FDD: B1, B3, B7, B8, B20, B28 LTE-TDD: B38, B40, B41 WCDMA: B1, B8 GSM: B3, B8
	LATAM/AU Version (Custom)	LTE-FDD: B1, B2, B3, B4, B5, B7, B8, B28, B66 LTE-TDD: B40 WCDMA: B1, B2, B4, B5, B8 GSM: B2, B3, B5, B8
Data Rate	LTE	LTE-FDD: Max. 150 (DL)/ Max. 50 (UL) LTE-TDD: Max. 130 (DL)/ Max. 30 (UL)
	DC-HSPA+	Max. 21 (DL)/ Max. 5.76 (UL)
	WCDMA	Max. 384 (DL)/ Max. 384 (UL)
	EDGE	Max. 236.8 (DL)/ Max. 236.8 (UL)
	GPRS	Max. 85.6 (DL)/ Max. 85.6 (UL)
Transmitting Power	Class 4 (33dBm±2dB) for EGSM900 Class 1 (30dBm±2dB) for DCS1800 Class E2 (27dBm±3dB) for EGSM900 8-PSK Class E2 (26dBm±3dB) for DCS1800 8-PSK Class 3 (24dBm+1/-3dB) for WCDMA bands Class 3 (23dBm±2dB) for LTE-FDD bands Class 3 (23dBm±2dB) for LTE-TDD bands	
Antenna Type	Internal Antenna or External Detachable Antenna (2 choose 1)	
Antenna Gain	2 ~ 3dBi	

Note *: The information about the supported standards and wireless bands may vary with the application of 4G modules. Before ordering, please ask and confirm with our sales representatives whether or not the required network standards and wireless frequency bands are met.

WiFi Specifications

WiFi Standards	IEEE 802.11b/g/n
Frequency	2.4GHz 802.11n MIMO 300Mbps
Channel Bandwidth	20MHz, 40MHz
Tx / Rx	2T2R 300Mbps
MIMO	2x2
Modulation	802.11b: DQPSK, DBPSK, DSSS, CCK
	802.11g: BPSK, QPSK, 16QAM, 64QAM with OFDM
	802.11n: BPSK, QPSK, 16QAM, 64QAM with OFDM (HT20 and HT40)
WIFI Encryption	Open, WPA-PSK, WPA2-PSK
Peak Rate	IEEE 802.11b: 11Mbps
	IEEE 802.11g: 54Mbps
	IEEE 802.11n: 300Mbps
Antenna Type	Internal Antenna
Antenna Gain	3dBi
Concurrent Users	Max. 32 Users

Software Specifications

Language Support	Mandarin, English
IP Protocol	IPv4 and IPv6
SIM Management	PIN, PUK Management
Network Connection Management	Manual / Auto
LTE Scan Mode	Full Band Scan
WLAN	WPS Function
VPN	L2TP, PPTP

NAT	Port Forwarding
	DMZ
Firewall	IP/MAC/URL Filter
	Access Control
	SYN Flood
	TCP Port Scan
	Death of Ping
Diagnostics	TCP Dump
	Ping
	Trace Route
Statistics	LTE Status
	Connection Time
	System Up Time
	Device Status
	DHCP Client List
	WIFI Station List
	Firewall Status
Maintenance	Date & Time Setting
	Reboot
	Restore Factory Settings
	Restore / Backup Configuration File
System Log	Operating Log
	Run Time Log
	Filter / Select / Display / Export Log
Optional	TR069

Order Information

Model	Internal Antenna (4G)	External Antenna (4G)
ComFi C110	✓	✗
ComFi C110E	✗	✓
<p>Product Packaging for C110:</p> <ul style="list-style-type: none"> • 1 x 4G LTE Router Unit • 1 x 12V DC Power Adapter (European Standard Plug) • 1 x Network Cable • 1 x User Manual <p>Product Packaging for C110E:</p> <ul style="list-style-type: none"> • 1 x 4G LTE Router Unit • 1 x 12V DC Power Adapter (European Standard Plug) • 1 x Network Cable • 1 x User Manual • 2 x External 4G Antenna 		

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