

C100 – 4G CPE

Product Manual

Enrich Your MBB&FWA connections
Your most reliable MBB&FWA Partner



Table of Contents

- ① Product Overview
- ② Key Features
- ③ Technical Specifications
- ④ Application Scenarios
- ⑤ Packing List
- ⑥ Certifications

Product Overview

The Wewins C100 is an LTE Cat4 indoor CPE designed to provide stable, high-speed broadband connectivity for residential, office, and small business environments.

Supporting LTE FDD/TDD networks, the C100 delivers download speeds of up to 150 Mbps, ensuring smooth web browsing, HD video streaming, cloud applications, and daily business operations.

Equipped with 2.4 GHz Wi-Fi, RJ11 voice port, Ethernet LAN ports, external SMA antenna connectors, and an optional removable battery, the C100 offers flexible deployment options for both fixed and backup networking scenarios.

With support for up to 32 Wi-Fi users, SMS, VoLTE (operator-dependent), APN management, advanced routing, and FOTA remote upgrades, the C100 is an ideal solution for home broadband access, SOHO networking, and small enterprise connectivity.



Key Features



LTE Cat4 High-Speed Connectivity

Supports LTE FDD and TDD networks with download speeds up to 150 Mbps and upload speeds up to 50 Mbps, ensuring reliable performance for everyday data applications.



2.4 GHz Wi-Fi for Multi-User Access

Compliant with IEEE 802.11 b/g/n, providing wireless speeds up to 300 Mbps and supporting up to 32 concurrent Wi-Fi devices.



RJ11 Voice Service Support

Integrated RJ11 port enables VoLTE voice services, allowing simultaneous data and voice communication (subject to operator support).



External Antenna Connectivity

Dual SMA antenna ports improve signal reception and stability, especially in weak-signal indoor environments.



Optional Backup Battery

Supports an optional 4000 mAh removable battery, ensuring network continuity during power outages or temporary deployments.



Comprehensive Security Protection

Includes firewall, IP/Port/URL filtering, MAC blacklist/whitelist, DMZ, UPnP, and port forwarding to safeguard network access.



Easy Web-Based Management

User-friendly Web UI at 192.168.8.1 allows configuration of APN, Wi-Fi, security, SMS, routing, and firmware updates.



Remote Firmware Upgrade

Supports FOTA and local firmware upgrade, reducing maintenance costs and simplifying long-term device management.

Technical Specifications

Hardware

Item	Description
Wi-Fi	IEEE 802.11 b/g/n, 2.4 GHz, up to 300 Mbps
Max Wi-Fi Users	Up to 32
SIM Slot	1 × Nano SIM (4FF)
Ethernet Ports	2 × RJ45 LAN
Buttons	Power button, WPS button, Reset (hidden)
Indicators	Power, Mode (2G/3G/4G), Signal Strength, Wi-Fi, LAN
Battery	4000 mAh (18650), removable (optional)
Max Power Consumption	7W
DC Power Input	5V / 2A
Dimensions	143.77 × 53.6 × 144.34 mm
Weight	234 g
Material	PC + ABS
Operating Temperature	0°C – 40°C
Storage Temperature	-20°C – 60°C
Humidity	5% – 95% (non-condensing)

Wi-Fi Specifications

Item	Description
Frequency	2.4 GHz
Max Data Rate	300 Mbps
Security	300 Mbps
Security	WEP / WPA2 (AES/TKIP) / WPA2-WPA mixed
WPS	PBC / PIN

Cellular Network Specifications

Frequency bands can be customized based on customer requirements

Technology	Performance / Band Support
LTE FDD	B1 / B3 / B5 / B7 / B8 / B20
LTE TDD	B38 / B40 / B41 (120 MHz)
WCDMA / HSPA	B1 / B5 / B8
GSM / EDGE	B3 / B5 / B8

Data Rates

- LTE FDD: DL 150 Mbps / UL 50 Mbps
- LTE TDD: DL 110 Mbps / UL 10 Mbps
- HSPA+: DL 21 Mbps / UL 5.76 Mbps

Software Specifications

Category	Features
Network Search	Auto / manual network selection
Network Mode	Auto / LTE only / WCDMA only / GSM only
APN Management	Auto APN / manual APN (APN, username, password, PAP/CHAP, IPv4/IPv6)
Traffic Statistics	Download / upload / total
Router Functions	NAT, DHCP server, DNS relay, ARP, IPv4/IPv6
Security	IP/Port/URL filtering, Port forwarding, DMZ, DDNS, UPnP
Phonebook	Group management, add/delete/move, import from SIM
SMS	Inbox / outbox / drafts, long SMS, flash SMS, multi-recipient
Firmware Update	FOTA + Local update
SIM Management	PIN enable/disable, modify PIN, reset PIN via PUK
Customization Options	Web UI, SIM Lock, APN, USSD, Trusted boot

Application Scenarios

- Home broadband access
- Small office & SOHO networking
- Retail stores & POS terminals
- Temporary or mobile network deployment
- Backup Internet during fixed-line outages
- Voice + data combined usage scenarios

Packing List

Item	Qty	Remarks
CPE Device	1	—
Network Cable	1	1 m
Power Adapter	1	5V / 1.5A
User Manual	1	—
Gift Box	1	—
Battery	1	4000 mAh (optional)

Certifications

- CE
- Local certifications available on request

Scan to Learn More



Company Website



Product Details



Email: sales@we-wins.com



Telephone: 86524920



Shenzhen Wewins Wireless Co.,LTD