

# M49 MiFi Product Manual

Enrich Your MBB&FWA connections  
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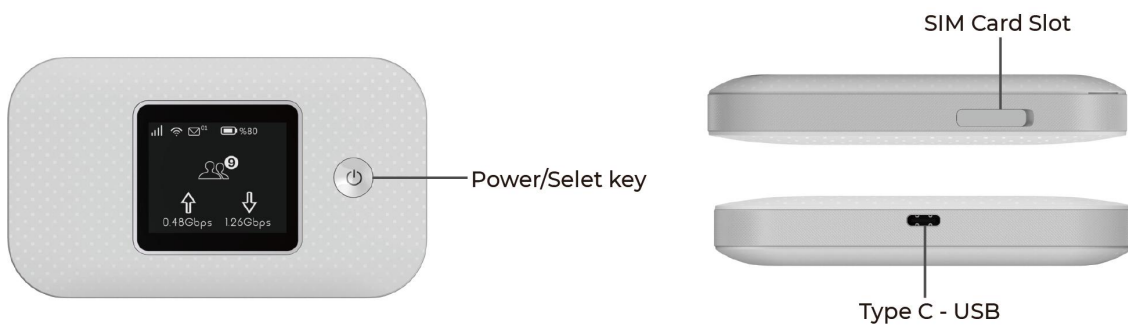
# Product Overview

The Wewins M49 LTE MiFi is a compact and portable 4G wireless router designed to deliver reliable mobile broadband connectivity for professionals, travelers, and temporary networking scenarios.

Combining LTE Cat 4 connectivity, Wi-Fi 6 (802.11 ax), and USB tethering, the M49 enables flexible internet access anytime, anywhere. With support for Nano-SIM, optional eSIM, removable battery, and intuitive WebUI management, it is well suited for both consumer and enterprise mobile networking applications.



# Key Features



## Portable LTE Cat 4 Connectivity

Provides stable 4G LTE access with download speeds up to 150 Mbps and upload speeds up to 50 Mbps, ideal for mobile work, field operations, and on-the-go connectivity.



## Wi-Fi 6 Performance in a Pocket Device

Built with 2.4 GHz Wi-Fi 6, the M49 delivers improved efficiency, lower latency, and stable connections in multi-device environments.



## Supports Up to 10 Concurrent Devices

Enables seamless internet sharing for smartphones, laptops, tablets, and IoT devices without performance degradation.



## Dual Connectivity: Wi-Fi & USB Tethering

Supports wireless access and USB tethering (RNDIS / ECM), allowing direct network sharing with PCs and laptops without driver installation.



## Flexible SIM & eSIM Support

Supports Nano-SIM (4FF) and eSIM, offering deployment flexibility for global operators, MVNOs, and enterprise customers.



## Removable Battery for Mobile Use

Equipped with a 4000 mAh removable Li-ion battery, supporting extended mobile operation and easy battery replacement.



## Built-in LCD Display

1.77-inch TFT LCD provides real-time status of signal strength, network mode, Wi-Fi status, battery level, and data usage.



## Secure & Manageable

Supports WPA2 / WPA3 encryption, firewall, MAC filtering, and web-based management via 192.168.8.1, suitable for controlled deployments.

# Technical Specifications

## Cellular & Wireless

Item	Description
Network Standard	LTE Cat 4
LTE Bands	B1 / B3 / B7 / B8 / B20 / B28 / B38 / B40 / B41 (customizable)
3G	WCDMA B1 / B8
2G	GSM B3 / B8
Peak Data Rate	DL 150 Mbps / UL 50 Mbps
Wi-Fi	IEEE 802.11 b/g/n/ax (2.4 GHz)
Max Wi-Fi Users	10

## Hardware

Item	Specification
Display	1.77-inch TFT LCD
SIM	Nano-SIM (4FF) + eSIM
USB	USB Type-C (USB tethering & charging)
Storage	TF / SD card slot
Battery	4000 mAh removable Li-ion
Dimensions	108 × 62 × 18.5 mm
Weight	Approx. 110 g
Material	PC + ABS

## Power & Environment

Item	Specification
Power Input	5V2A
Max Power Consumption	≤ 5 W
Operating Temperature	0 °C to 40 °C
Storage Temperature	0 °C to 40 °C
Humidity	5% – 95% (non-condensing)

## Software & Management

- WebUI management via 192.168.8.1
- APN / Profile management
- Traffic statistics (real-time & historical)
- SMS & phonebook support
- Firewall, IP / Port / URL filtering
- NAT, DHCP, DNS relay
- FOTA & local firmware upgrade
- SIM PIN & security management

## Application Scenarios

- Mobile offices & remote work
- Business travel & international roaming
- Temporary broadband for events or exhibitions
- Backup internet for home or small offices
- IoT testing & field deployment
- Operator data packages & MiFi bundles

## Basic Usage Flow

1. Insert Nano-SIM or activate eSIM
2. Power on the device
3. Connect via Wi-Fi or USB
4. Access WebUI to configure network and security
5. Start sharing mobile broadband

# Packing List

Item	Quantity
M49 LTE MiFi Device	1
USB Type-C Cable	1
Removable Battery	1
User Manual	1
Gift Box	1
Charger	Optional

# Certifications

- CE
- UN38.3 (Battery)
- Local certifications available upon request

## Scan to Learn More



Company Website



Product Details



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