

M53 4G MiFi Product Manual

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



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Product Overview

The Wewins M53 is a compact LTE Cat6 mobile hotspot designed for enterprise mobility, field operations, and multi-device connectivity scenarios. Combining 4G+ LTE Cat6, Wi-Fi 6 (802.11ax), an LCD status display, LAN connectivity, and external antenna support, the M53 delivers stable, high-speed wireless access wherever fixed broadband is unavailable.

Engineered for reliability and ease of deployment, the M53 supports up to 32 concurrent Wi-Fi users, USB and LAN tethering, advanced network management, SMS services, and enterprise-grade security. Its robust internal battery and durable design make it well-suited for professional use cases such as temporary offices, field teams, transportation, and backup connectivity.



Key Features



High-Speed LTE Cat6 Connectivity

Powered by LTE Cat6 technology with carrier aggregation, the M53 delivers download speeds up to 300 Mbps and upload speeds up to 50 Mbps, ensuring smooth video conferencing, cloud access, and data-intensive business applications.



Wi-Fi 6 for Efficient Multi-Device Access

Supports Wi-Fi 6 (802.11ax) on 2.4 GHz and 5 GHz bands, providing higher efficiency, lower latency, and stable connections for up to 32 devices in dense usage environments.



Integrated LCD Display

The built-in TFT LCD screen provides real-time visibility of network status, signal strength, battery level, data usage, and Wi-Fi information—ideal for professional and field users.



Flexible Connectivity Options

Offers Wi-Fi, USB tethering, and a 100 Mbps LAN port, enabling seamless connection for laptops, POS systems, industrial terminals, and other wired or wireless devices.



Enhanced Signal Performance

Equipped with dual external MCX antenna ports, allowing connection to external LTE antennas to improve signal reception in weak-coverage areas.



Enterprise-Grade Management & Security

Supports WebUI management, APN configuration, traffic statistics, SMS, firewall features, MAC filtering, and remote management via TR069, ensuring secure and manageable deployments.



Compact, Portable & Field-Ready

Lightweight and pocket-sized with a rugged housing, the M53 is designed for professionals who need reliable connectivity on the move.

Application Scenarios

- Mobile office and business travel
- Field teams and outdoor operations
- Temporary or pop-up workspaces
- Retail POS and exhibition networking
- Backup Internet for fixed broadband
- Transportation and logistics connectivity

Quick Start & Usage Flow

1. Insert SIM Card

Insert a Nano-SIM card into the SIM slot.

2. Power On

Press and hold the power button for 5 seconds to turn on the device.

3. Connect Devices

- Connect via Wi-Fi using the SSID shown on the LCD or device label
- Or connect via USB or LAN cable for wired access

4. Access Web Management

Open a browser and visit 192.168.8.1

Default login:

- Username: admin
- Password: admin

Configure Network Settings

Set APN, Wi-Fi password, security options, and manage connected devices as required.

Technical Specifications

Hardware

Item	Description
Cellular Standard	LTE Cat6 (3GPP Release 10)
Wi-Fi	IEEE 802.11 a/b/g/n/ac/ax (Wi-Fi 6)
Max Wi-Fi Users	Up to 32
Display	0.96-inch TFT LCD
Ports	1 × 100 Mbps LAN 1 × USB Type-C (data & charging) 1 × Nano-SIM slot
External Antenna	2 × MCX connectors (LTE)
Battery	6400 mAh Li-ion (non-removable)
Buttons	Power / Confirm, Select / Flashlight, Reset (hidden)
Flashlight	Built-in white LED, approx. 40 lumen
Dimensions	112.2 × 70 × 22.8 mm
Weight	180 g
Material	PC + ABS
Operating Temperature	-10°C to 60°C
Humidity	5% – 95% (non-condensing)

Network & Band Support

Band support can be customized upon request

- LTE (EU): B1 / B3 / B5 / B7 / B8 / B20 / B28 / B40 / B38–41
- LTE (LATAM): B2 / B4 / B5 / B7 / B12 / B26 / B28 / B66 / B71 / B38–41
- WCDMA: Region-specific support

Software & Management Features

- WebUI management (192.168.8.1)
- APN & profile management
- Traffic statistics (real-time & historical)
- SMS inbox / outbox / phonebook
- Firewall, IP / Port / URL filtering
- Port forwarding, DMZ, UPnP, DDNS
- FOTA & local firmware upgrade
- SIM PIN management
- TR069 remote management

Packing List

Item	Qty	Remarks
M53 MiFi Device	1	Standard
USB Type-C Cable	1	Charging & data
User Manual	1	Standard
Gift Box	1	Customized
Warranty Card	1	Optional
Power Adapter	Optional	5V / 2A

Certifications

- CE
- UN38.3 (battery)
- Other local certifications available upon request

Scan to Learn More



Company Website



Product Details

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