Tenda MF6

Tenda MF6 Mobile WiFi Router User Manual

Model: MF6

INTRODUCTION

The Tenda MF6 is a portable 4G LTE Mobile Wi-Fi Router designed to provide high-speed internet access on the go. It supports Wi-Fi 6 technology, offering 2.4 GHz Wi-Fi speeds up to 286 Mbps. Featuring a 1.44-inch color LCD screen and a 2100 mAh rechargeable battery, the MF6 is compact and easy to use. This manual will guide you through the setup, operation, and maintenance of your device.

Image: Tenda MF6 Mobile WiFi Router and its packaging, showcasing the device's design and key features on the box.

PACKAGE CONTENTS

Ensure all items are present in your package:

- 1 x Tenda MF6 Mobile Wi-Fi Router
- 1 x Rechargeable Battery (2100 mAh)
- 1 x USB-C Cable
- 1 x Quick Installation Guide

SETUP

1. SIM Card and Battery Installation

The Tenda MF6 uses a Nano SIM card. Before installation, ensure your Nano SIM card is unlocked and the PIN code is disabled. You can disable the PIN code by inserting the SIM into a mobile phone and adjusting its security settings.

1. Remove the back cover of the device.

2. Insert the Nano SIM card into the designated slot. Ensure it is correctly oriented.

3. Insert the 2100 mAh rechargeable battery into its compartment.

4. Replace the back cover.

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

Plug & Play

Accede immediatamente a una rete mobile con una scheda Nano SIM sbloccata.

1. scorrere la scheda Nano SIM nel dispositivo.
2. Installare la batteria originale.
3. Premere il pulsante di accensione.
4. Connettersi al Wi-Fi mobile

Suggerimenti:
Accedere al sito Web 192.168.0.1 per configurare ulteriormente il dispositivo.

2100 mAh
Battery

Image: Step-by-step diagram illustrating the installation of the Nano SIM card and the 2100 mAh battery into the Tenda MF6 Mobile WiFi Router.

Plug & Play, in 1 Minute Online

Einfach eine entsperrte Nano-SIM-Karte einlegen

③ 2100 mAh Akku

Nano SIM (4FF) ✓

Micro SIM (3FF) ✗

Mini SIM (2FF) ✗

Image: Visual guide for inserting the Nano SIM card and battery, highlighting compatibility with Nano SIM (4FF) and incompatibility with Micro SIM (3FF) and Mini SIM (2FF).

2. Initial Configuration

After powering on, the device will attempt to connect to the 4G network.

- **Connect to Wi-Fi:** On your smartphone, tablet, or computer, search for the Wi-Fi network name (SSID) displayed on the MF6's LCD screen or found on the device label. Enter the Wi-Fi password (Key) also displayed on the screen or

label.

- **Web Management Interface:** Open a web browser and navigate to http://192.168.0.1 or http://tendawifi.com. The default login credentials are usually **admin**/**admin** (check the device label for exact details). From here, you can configure APN settings, data limits, guest Wi-Fi, and other advanced options.
- **QR Code Connection:** Double-press the power button to display a QR code on the LCD screen. Scan this QR code with your smartphone's camera to quickly connect to the Wi-Fi network.
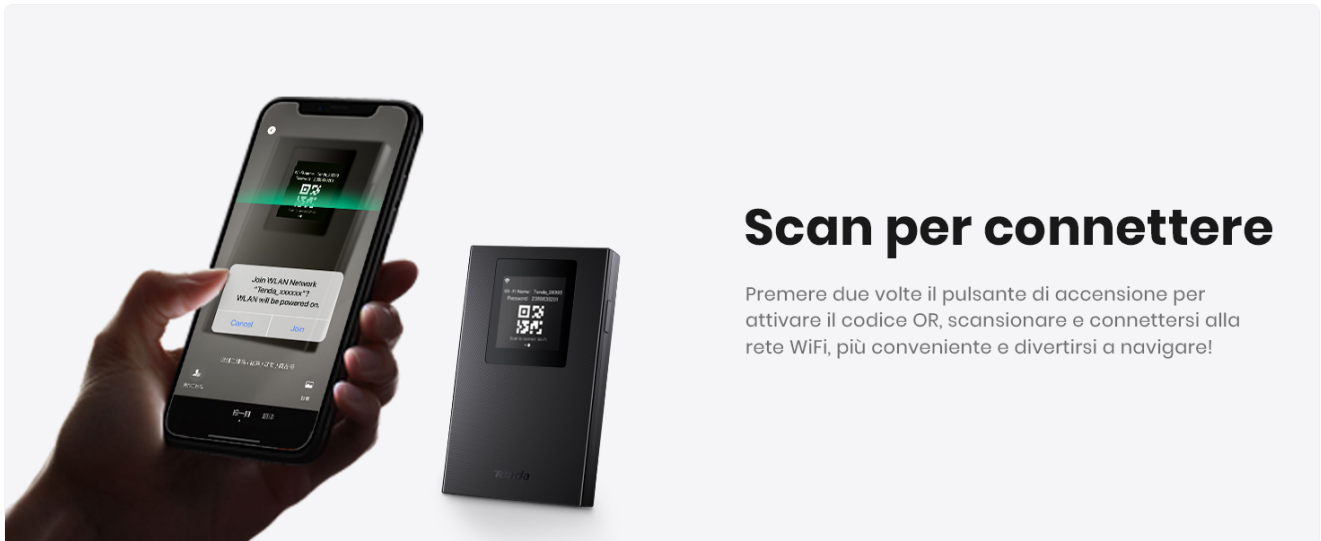
Scan per connettere

Premere due volte il pulsante di accensione per attivare il codice OR, scansionare e connettersi alla rete WiFi, più conveniente e divertirsi a navigare!

Image: A smartphone scanning the QR code displayed on the Tenda MF6's LCD screen for quick and convenient Wi-Fi connection.
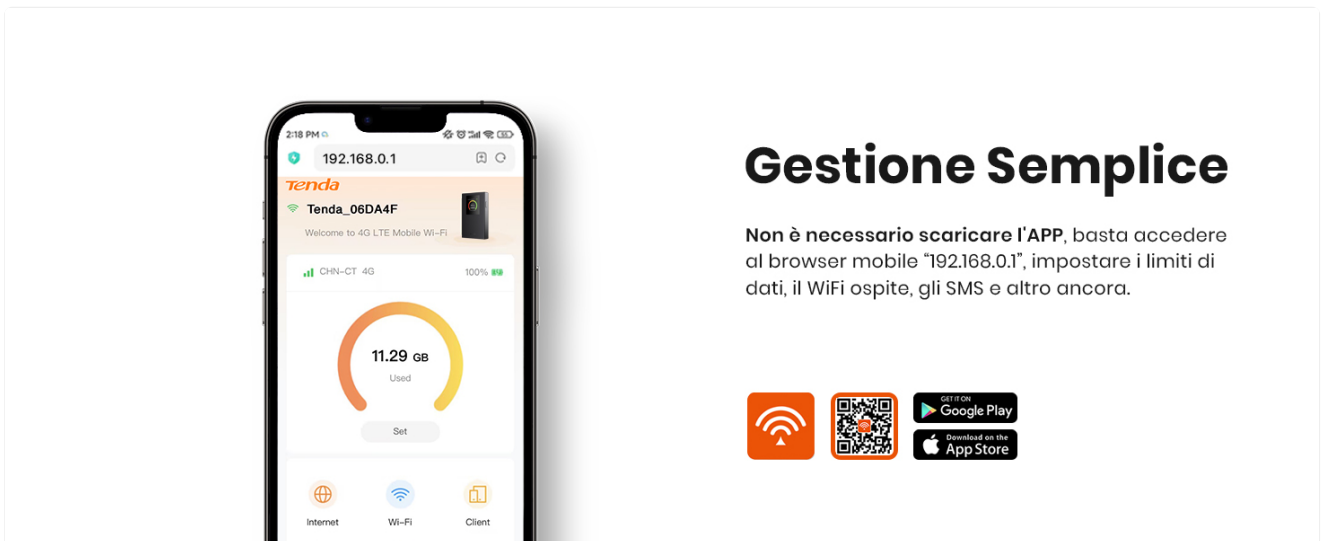
Gestione Semplice

Non è necessario scaricare l'APP, basta accedere al browser mobile "192.168.0.1", impostare i limiti di dati, il WiFi ospite, gli SMS e altro ancora.

Image: Screenshot of the Tenda MF6's mobile web management interface, accessible via a browser, showing data usage and settings.

OPERATING INSTRUCTIONS

LCD Screen Overview

The 1.44-inch color LCD screen provides real-time information about the device status:

- **Signal Strength:** Indicates the strength of the 4G LTE signal.
- **Battery Level:** Shows the remaining battery charge.
- **Data Usage:** Displays current data consumption.
- **Wi-Fi Status:** Indicates if Wi-Fi is active and the number of connected devices.
- **SMS:** Notifies you of new messages received on the SIM card.
- **Wi-Fi Name (SSID) & Password (Key):** Essential for connecting devices.

Status auf einen Blick, jederzeit und überall

1,44-Zoll-Farb-LCD für alle wichtigen Werte.

Verfügbar
999.9GB

Scannen, um eine WLAN-Verbindung herzustellen

Batteriestand

DL-Geschwindigkeit:
46.8Mbit/s

WLAN-Name

4G

Vodafone 4G ⊠ R

Available
999.9 GB

1000 GB
Allowance

DL speed: 46.8Mbps

Image: Close-up of the Tenda MF6's 1.44-inch color LCD screen, showing various status indicators like available data, download speed, signal strength, battery level, and Wi-Fi name.

Visualizza tutto sullo Schermo LCD a colori

Facile panoramica dello stato di rete del dispositivo.

Image: The Tenda MF6's LCD screen providing a quick overview of the device's network status and data usage.

USB Tethering

You can use the included USB-C cable to connect the MF6 to a computer. This allows you to share the device's internet connection with the computer directly, functioning as a USB modem.
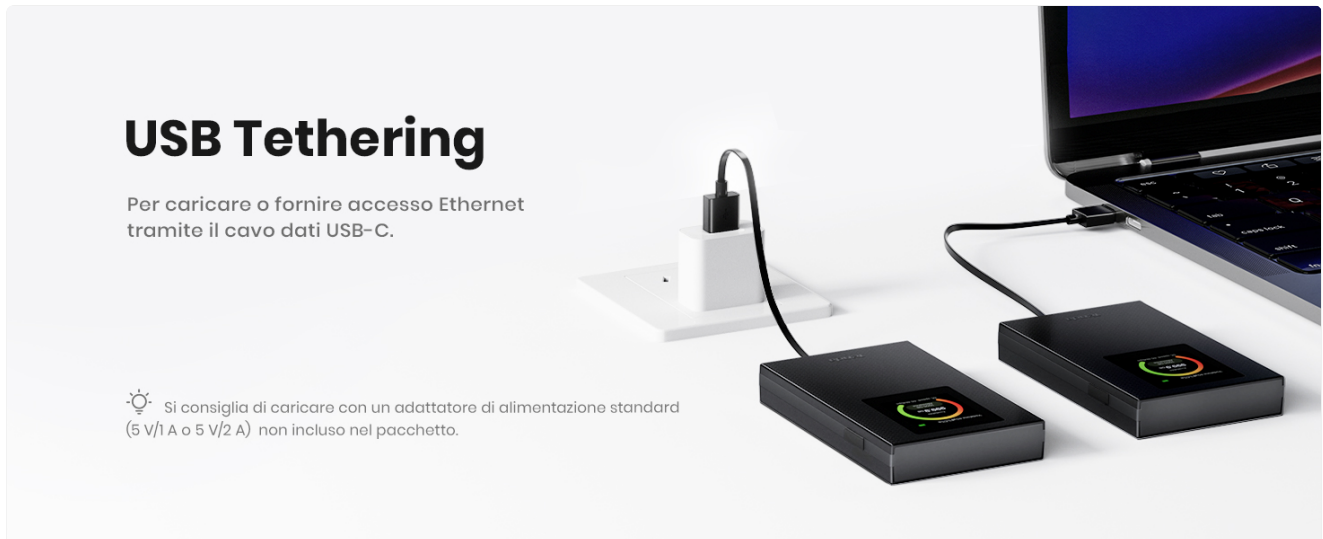

Image: The Tenda MF6 connected to a laptop via USB-C for data tethering and simultaneously charging from a wall adapter.

Ein Anschluss, zwei Verwendungszwecke

Verwenden Sie das USB-C-Kabel für die Stromversorgung oder eine stabile, direkte

Image: Illustration of the Tenda MF6's USB-C port being used for both power supply and stable, direct data connection to a laptop.

Wi-Fi Sleep Mode

To conserve battery, the MF6 portable router automatically turns off Wi-Fi if no wireless devices are connected for 10 minutes. To reactivate Wi-Fi, simply press the power button.

MAINTENANCE

Charging the Battery

Charge the MF6 using the provided USB-C cable connected to a standard USB power adapter (5V/1A or 5V/2A recommended, not included) or a power bank.

Image: Illustration suggesting up to 8 hours of battery life for the Tenda MF6, with a note that actual battery life may vary based on connected devices and usage scenarios.

Optimal Usage Conditions

- **Operating Temperature:** The recommended operating temperature range is 0°C to 35°C (32°F to 95°F).
- **Extended Use:** For intensive and prolonged use, it is recommended to keep the device connected to a power source via USB-C without the battery inserted to protect the battery's lifespan.

TROUBLESHOOTING

No Internet Connection

- **SIM Card Check:**

    1. Ensure the Nano SIM card is correctly inserted.
    2. Verify that the SIM card is active and has a valid data plan.
    3. Confirm that the SIM card's PIN code is disabled. This can be done by inserting the SIM into a mobile phone and disabling the PIN via its settings. Alternatively, you can attempt to disable it via the MF6's web management page (192.168.0.1).

- **APN Settings:** Consult your 4G SIM card operator for the correct APN (Access Point Name) settings. These can be configured in the MF6's web management interface.
- **Roaming:** If using the device abroad, ensure that data roaming is enabled on your SIM card plan and configured correctly in the device settings.
- **Signal Strength:** Check the signal strength indicator on the LCD screen. If the signal is weak, try moving to a location with better network coverage.

Slow Speed or Unstable Connection

- **Environmental Factors:** Signal strength and speed are affected by the router's location, 4G operator coverage, and obstacles between the router and connected devices.
- **Wi-Fi Channel:** Access the web management page (192.168.0.1) and set the Wi-Fi channel to "Auto". The router will automatically select the best channel every 15 minutes if no devices are connected. If devices are connected, you can manually select a fixed channel to avoid interference.
- **Device Load:** Excessive connected devices or high bandwidth usage can impact performance.

SPECIFICATIONS

Brand	Tenda
Model Name	MF6
Color	Black
Connectivity Technology	4G LTE, Wi-Fi
4G LTE Speed	Up to 150 Mbps Download, 50 Mbps Upload (Cat4)
Wi-Fi Standard	802.11ax (Wi-Fi 6)
Wi-Fi Speed	Up to 286 Mbps (2.4 GHz band only)
Frequency Band Class	Single-band (2.4 GHz)
Screen Size	1.44 Inches (Color LCD)

Battery Capacity	2100 mAh (Rechargeable Lithium)
Charging Interface	USB-C
Compatible SIM Type	Nano SIM
Operating System	Tenda's proprietary firmware
Operating Temperature	0°C ~ 35°C (32°F ~ 95°F)
Recommended Uses	Camping, Cycling, Home, Travel, Business Trips
Dimensions	9.8 x 5.9 x 1.55 cm (approx.)

Godere la velocità fluida di 4G LTE Wi-Fi 6

Permette di godere di uno streaming fluido, download rapidi di file, video chat stabili, ecc.

fino a
150↓ Mbps   **50↑** Mbps

fino a
286 Mbps

4G LTE | CAT4

2.4GHz | Wi-Fi 6

Image: Infographic detailing the Tenda MF6's speed capabilities: up to 150 Mbps download and 50 Mbps upload for 4G LTE (Cat4), and up to 286 Mbps for 2.4 GHz Wi-Fi 6.

Compatto e portatile

Ideale per portarlo via.

9.8*5.9*1.55cm

1.55cm

9.8cm

5.8cm   1.55cm

Image: Visual representation of the Tenda MF6's compact dimensions (9.8 x 5.9 x 1.55 cm), highlighting its portability.

WARRANTY AND SUPPORT

Warranty: The Tenda MF6 Mobile WiFi Router comes with a **3-year product warranty**.

Technical Support: For any technical assistance or inquiries, please contact Tenda support via email at support.it@tenda.cn.

Usage Scenarios

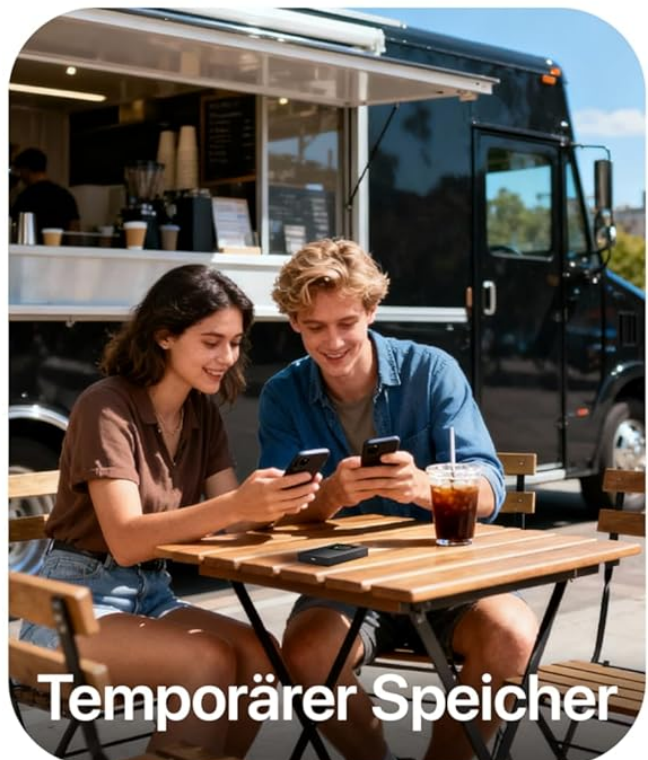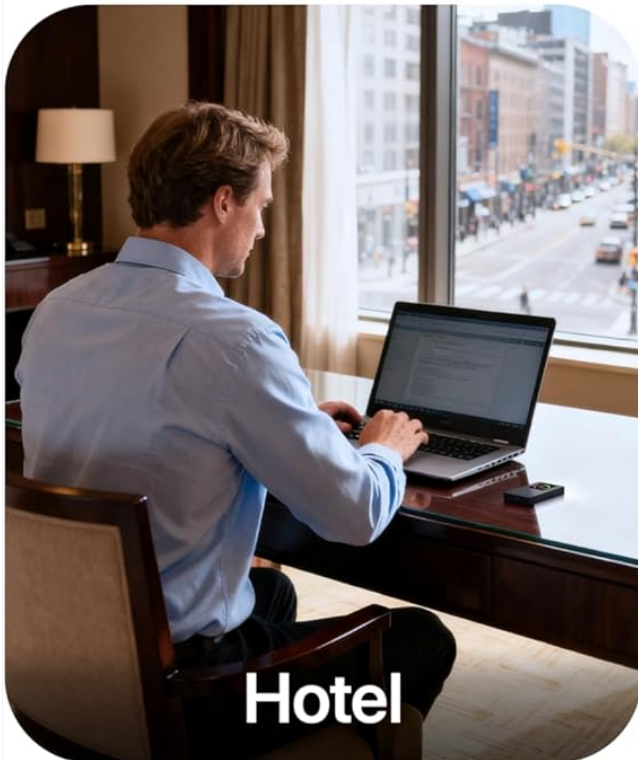The Tenda MF6 is designed for reliable network access in various situations:

Image: Collage depicting the Tenda MF6 providing internet connectivity in diverse environments such as a hotel, airport, campsite, and a temporary retail space.

Enjoy Reliable Network Anywhere

Ideale per viaggi personali o di lavoro, telelavoro o altre attività all'aperto.

Image: A grid of images illustrating various scenarios where the Tenda MF6 provides reliable network access, including travel, work, camping, cycling, driving, and remote work.

Zusammengehörigkeit, Verbundenheit

Teilen Sie eine schnelle, stabile Verbindung zu mehreren Geräten mit fortschrittlicher 4G FDD/TDD-LTE- und Wi-Fi 6-Technologie mit Freunden auf einer Party.

Image: Group of friends outdoors, all connected to the Tenda MF6 Mobile WiFi Router, demonstrating its ability to share a fast and stable connection with multiple devices using 4G FDD/TDD-LTE and Wi-Fi 6 technology.
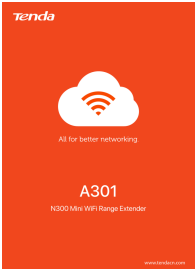
Image: Illustration of the Tenda MF6 providing a fast and stable Wi-Fi hotspot for multiple devices, leveraging 4G FDD/TDD-LTE and Wi-Fi 6 technology.

Related Documents - MF6

	Tenda 4G03 Pro 4G LTE Router Quick Installation Guide Quick start guide for the Tenda 4G03 Pro 4G LTE Router, detailing plug-and-play setup, connecting devices, and basic troubleshooting. Includes multilingual support information.
	Tenda 4G LTE Mobile Wi-Fi MF6/4G185 Quick Installation Guide Concise, SEO-optimized HTML guide for setting up and using the Tenda 4G LTE Mobile Wi-Fi device (MF6/4G185), including setup steps, charging, safety precautions, and support information.
	Tenda 4G03 Wireless Router Setup and Internet Access Guide A comprehensive guide to setting up and accessing the internet with the Tenda 4G03 wireless router, covering SIM card insertion, power connection, and wireless network access.
	Tenda 4G09 AC1200 Dual-band Wi-Fi 4G+ LTE Router | High-Speed Wireless Connectivity Explore the Tenda 4G09, an AC1200 Dual-band Wi-Fi 4G+ LTE Router that provides high-speed internet access via a SIM card. Key features include 4G+ CAT6 technology for faster speeds, dual-band Wi-Fi, Gigabit Ethernet ports, and enhanced signal coverage for reliable connectivity in any location.

Tenda **User Guide** N300 Wi-Fi 4G LTE Router 4G03 Pro/4G05 www.tendacn.com	[Tenda N300 Wi-Fi 4G LTE Router 4G03 Pro/4G05 User Guide](#) Comprehensive user guide for the Tenda N300 Wi-Fi 4G LTE Router, models 4G03 Pro and 4G05. Learn about setup, configuration, internet status, Wi-Fi settings, VPN, advanced features, and system settings.
Tenda All for better networking. **A301** N300 Mini WiFi Range Extender www.tendacn.com	[Tenda A301 N300 Mini WiFi Range Extender: Product Overview & Specifications](#) Explore the Tenda A301 N300 Mini WiFi Range Extender, designed to enhance your home network coverage. This document details its features, technical specifications, and benefits for seamless connectivity.