

## ZTE MF289F

# ZTE MF289F 4G LTE Router User Manual

Model: MF289F

## 1. INTRODUCTION

This manual provides detailed instructions for setting up, operating, and maintaining your ZTE MF289F 4G LTE Router. Please read this manual carefully before using the device to ensure proper functionality and optimal performance. The ZTE MF289F is designed to provide high-speed wireless internet access using 4G LTE cellular networks, offering reliable connectivity for home and small office environments.

## 2. PACKAGE CONTENTS

Verify that all items are present in your package:

- ZTE MF289F 4G LTE Router
- Power Adapter
- Ethernet Cable
- Quick Start Guide (not included in this digital manual)



**Image:** The power adapter for the ZTE MF289F router, featuring a white casing and a standard European two-pin plug, with a DC barrel connector at the end of the cable.



**Image:** A white Ethernet cable with RJ45 connectors on both ends, used for wired network connections.

## 3. PRODUCT OVERVIEW

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Familiarize yourself with the physical features of your ZTE MF289F router.

### 3.1 Front Panel



**Image:** Front view of the ZTE MF289F router, showing the ZTE logo at the bottom and three indicator lights labeled NETWORK, WIFI, and POWER from top to bottom.

- **NETWORK Indicator:** Indicates the status of the cellular network connection.
- **WIFI Indicator:** Shows the status of the Wi-Fi network.
- **POWER Indicator:** Indicates the power status of the device.

### 3.2 Rear Panel



**Image:** Rear view of the ZTE MF289F router, displaying various ports and buttons. From top to bottom: WPS button, two external antenna connectors (covered), a PHONE port (RJ11), two WAN/LAN ports (RJ45), and a POWER input port.

- **WPS Button:** For quick Wi-Fi Protected Setup connections.
- **External Antenna Connectors:** Two ports for optional external antennas to improve signal reception.
- **PHONE Port (RJ11):** For connecting a telephone for VoIP services (if supported by your service provider).
- **WAN/LAN Ports (RJ45):** Two Ethernet ports. Can be used for WAN connection (e.g., from a fiber modem) or LAN connections to wired devices.
- **POWER Port:** Connects to the power adapter.

### 3.3 Bottom Panel



**Image:** Bottom view of the ZTE MF289F router, showing a label with model information, Wi-Fi network name (SSID), Wi-Fi password, administration page address (192.168.0.1), and administration password. Also visible are the IMEI and S/N (Serial Number) and a recessed Reset button.

- **Product Label:** Contains important information such as Model Number (MF289F), default Wi-Fi SSID and password, default administration IP address (192.168.0.1), and administration password.
- **IMEI:** 864781053037008
- **S/N (Serial Number):** 320125887253
- **Reset Button:** A recessed button used to restore the router to factory default settings.

## 4. SETUP

Follow these steps to set up your ZTE MF289F router for the first time.

### 4.1 Insert SIM Card

1. Ensure the router is powered off.
2. Locate the SIM card slot (usually on the bottom or side, refer to the physical device).
3. Insert your standard-sized 4G LTE SIM card into the slot with the gold contacts facing down and the notched corner oriented correctly. Push until it clicks into place.

### 4.2 Connect Power

1. Connect one end of the power adapter to the POWER port on the rear of the router.
2. Plug the other end of the power adapter into a standard electrical outlet.
3. The POWER indicator light on the front panel should illuminate.

## 4.3 Initial Configuration

1. Wait for the router to power on and the NETWORK and WIFI indicators to stabilize. The NETWORK indicator should show a solid color (e.g., blue or green) indicating a successful cellular connection.
2. **Connect via Wi-Fi:** On your computer or smartphone, search for available Wi-Fi networks. Select the SSID (network name) found on the bottom label of your router (e.g., ZTE\_CFD3C2). Enter the Wi-Fi password (e.g., 64C72EW2) when prompted.
3. **Connect via Ethernet:** Connect one end of the Ethernet cable to a WAN/LAN port on the router and the other end to your computer's Ethernet port.
4. Open a web browser and enter the default administration IP address <http://192.168.0.1>.
5. Log in using the administration password provided on the bottom label (e.g., K4A8W1).
6. Follow the on-screen wizard to complete the initial setup, including changing default passwords for security.

## 5. OPERATING THE ROUTER

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### 5.1 Indicator Lights

Understanding the indicator lights helps monitor the router's status:

- **POWER:**
  - Solid Green: Router is powered on and operating normally.
  - Off: Router is powered off.
- **WIFI:**
  - Solid Green: Wi-Fi is enabled and active.
  - Blinking Green: Wi-Fi Protected Setup (WPS) is in progress.
  - Off: Wi-Fi is disabled.
- **NETWORK:** (Colors may vary based on signal strength/network type)
  - Solid Blue/Green: Connected to 4G LTE network.
  - Solid Yellow/Orange: Connected to 3G network.
  - Solid Red: No network connection or SIM card error.
  - Blinking: Data transmission in progress.

### 5.2 Connecting Devices

- **Wireless Devices:** Use the Wi-Fi SSID and password from the router's label or your customized settings to connect smartphones, tablets, laptops, and other Wi-Fi enabled devices.
- **Wired Devices:** Connect devices like desktop computers, gaming consoles, or smart TVs to the WAN/LAN ports using an Ethernet cable.

### 5.3 Web Management Interface

Access the web management interface (<http://192.168.0.1>) to configure advanced settings, monitor network status, manage connected devices, and update firmware. Refer to the router's online help or full user manual for detailed instructions on specific features.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the router. Do not use liquid or aerosol cleaners.
- **Ventilation:** Ensure the router is placed in a well-ventilated area to prevent overheating. Do not block the ventilation holes.
- **Firmware Updates:** Regularly check for firmware updates through the web management interface to ensure optimal performance and security.
- **Password Security:** Change default Wi-Fi and administration passwords to strong, unique passwords to protect your network.

## 7. TROUBLESHOOTING

If you encounter issues with your router, try the following troubleshooting steps:

- **No Internet Connection:**
  - Check the NETWORK indicator light. If it's red or off, ensure the SIM card is correctly inserted and active, and that you have cellular coverage.
  - Restart the router by unplugging the power adapter, waiting 10 seconds, and plugging it back in.
  - Verify APN settings in the web management interface.
- **Wi-Fi Not Working:**
  - Check the WIFI indicator light. If it's off, Wi-Fi might be disabled. Enable it via the web management interface.
  - Ensure your device is connecting to the correct SSID and using the correct password.
  - Try restarting the router.
- **Cannot Access Web Management Interface:**
  - Ensure your device is connected to the router via Wi-Fi or Ethernet.
  - Verify you are entering the correct IP address (<http://192.168.0.1>).
  - Clear your browser's cache or try a different browser.
- **Router Unresponsive / Forgot Password:**
  - Perform a factory reset. With the router powered on, use a pin or paperclip to press and hold the recessed RESET button on the bottom panel for approximately 5-10 seconds until the indicator lights change. The router will restart with factory default settings (including default Wi-Fi SSID/password and admin password).

## 8. SPECIFICATIONS

Model Name	MF289F
Brand	ZTE
Frequency Band Class	Dual Band
Wireless Communication Standard	802.11b, 802.11g, 802.11n

Compatible Devices	PC, Smartphone, Tablet, Laptop
Recommended Use	Home
Connectivity Technology	Wireless, Ethernet
Operating System	ZyNOS (firmware)
Security Protocol	WPA2, WPA3
Power Rating	12V === 1500mA
IMEI	864781053037008
Serial Number (S/N)	320125887253

*Note: Specifications are subject to change without prior notice.*

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official ZTE website. Keep your purchase receipt as proof of purchase for warranty claims.

- **Online Support:** Visit the ZTE official website for FAQs, driver downloads, and support resources.
- **Customer Service:** Contact ZTE customer service for further assistance. Contact details can typically be found on the official website or in the product packaging.