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› ZTE Miracle T3000 WiFi 6 Router AX3000 User Manual

ZTE T3000

ZTE Miracle T3000 WiFi 6 Router AX3000 User Manual

Model: T3000

1. INTRODUCTION

The ZTE Miracle T3000 is a high-performance WiFi 6 (802.11ax) router designed to provide fast, reliable, and extensive wireless coverage for your home or small office. Featuring dual-band connectivity and advanced technologies, it ensures a stable and efficient network experience for multiple devices.



The ZTE Miracle T3000 router, showcasing its sleek black design and four external antennas, ready for network setup.



GOOD DESIGN AWARD 2021



The ZTE Miracle T3000 router, recognized with the prestigious Good Design Award 2021, highlighting its aesthetic and functional excellence.

2. SETUP GUIDE

2.1 Package Contents

Before you begin, ensure you have the following items:

- ZTE Miracle T3000 Router
- Power Adapter
- Ethernet Cable
- Quick Start Guide (if included)

2.2 Physical Connection

1. **Position the Router:** Place the router in a central location in your home, away from obstructions and electronic devices that may cause interference.
2. **Connect to Modem:** Connect one end of the provided Ethernet cable to the WAN port (usually blue) on the ZTE T3000 router and the other end to your modem's LAN port.
3. **Connect Power:** Plug the power adapter into the router's power port and then into a wall outlet.
4. **Power On:** Press the Power button (if available) on the router. Wait for the indicator lights to stabilize, typically indicating a successful connection to the internet.

2.3 Initial Configuration

1. **Connect to Router:** Connect your computer or mobile device to the router's Wi-Fi network. The default Wi-Fi name (SSID) and password are usually printed on a label on the bottom of the router. Alternatively, connect your computer to one of the router's LAN ports using an Ethernet cable.
2. **Access Web Interface:** Open a web browser and enter the router's default IP address (e.g., 192.168.1.1 or 192.168.0.1). Refer to the router's label or quick start guide for the exact address.
3. **Login:** Enter the default username and password (e.g., admin/admin or admin/password). It is highly recommended to change these default credentials immediately for security.
4. **Follow Setup Wizard:** Most routers have a setup wizard that guides you through basic settings like internet connection type (DHCP, PPPoE, Static IP), Wi-Fi name (SSID), and password.
5. **Save Settings:** Apply and save your new settings. The router may reboot.

3. OPERATING INSTRUCTIONS

3.1 Wi-Fi Network Management

Once logged into the router's web interface, you can manage your Wi-Fi networks:

- **Change Wi-Fi Name (SSID) and Password:** Navigate to the Wireless or Wi-Fi settings. You can change the network name and set a strong, unique password for both 2.4GHz and 5GHz bands.
- **Guest Network:** Enable a separate guest network for visitors, keeping your main network secure.
- **Security Mode:** Ensure your Wi-Fi is set to WPA2-PSK or WPA3-PSK for optimal security.

3.2 Advanced Features

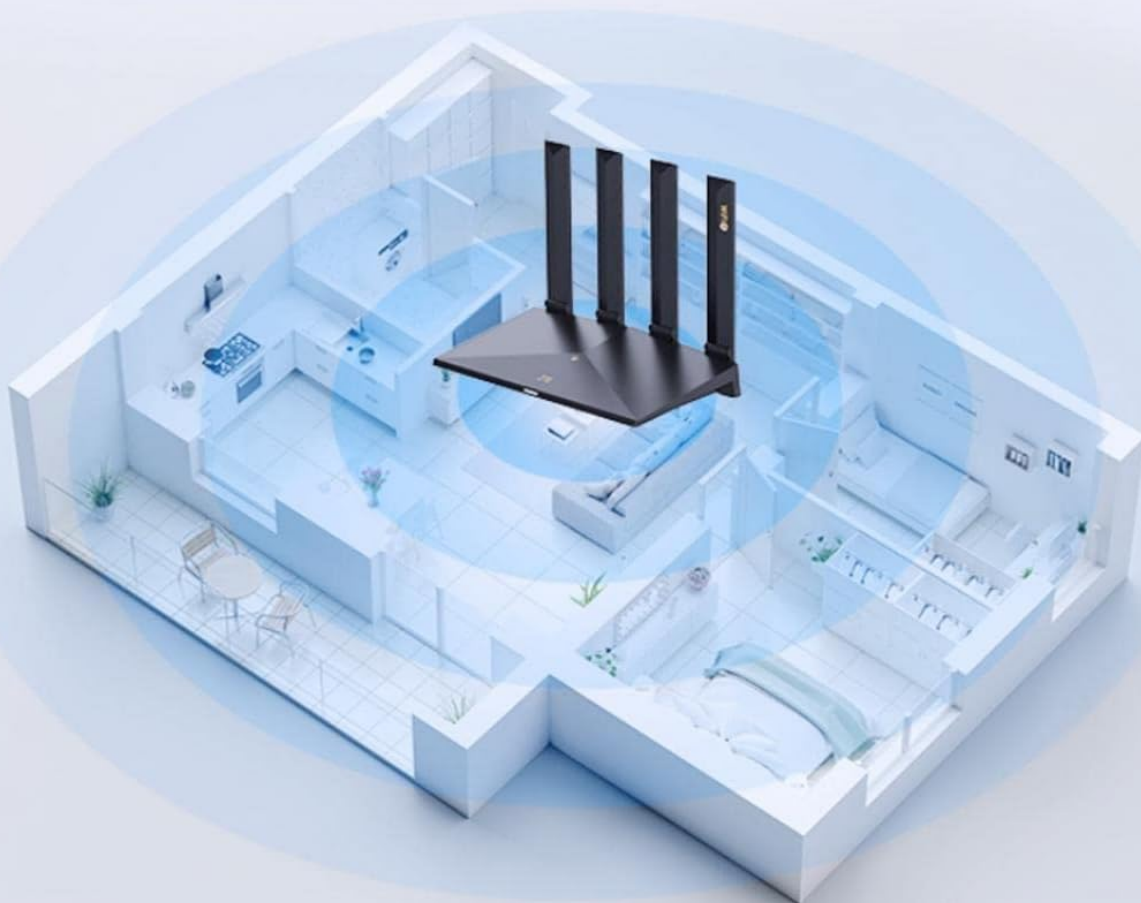
The ZTE Miracle T3000 incorporates several advanced features for enhanced performance:

- **Dual-Band Connectivity:** The router operates on both 2.4GHz and 5GHz frequencies. The 2.4GHz band offers wider coverage, while the 5GHz band provides faster speeds for closer devices.
- **WiFi 6 (802.11ax):** This standard offers higher speeds, lower latency, and increased capacity, especially in environments with many connected devices.
- **Powerful Antennas:** Equipped with 7dBi gain antennas, the router provides strong signal penetration, improving coverage throughout your home.

強大的7dBi增益巨石陣天線

--2.4GHz和5GHz信號雙路並發，提升穿牆性能

全屋全場景覆蓋



This diagram illustrates the extensive whole-house coverage provided by the ZTE Miracle T3000 router, leveraging its powerful 7dBi gain antennas for simultaneous 2.4GHz and 5GHz signal transmission, enhancing wall penetration performance.

- **Easy Mesh Support:** For larger homes, the T3000 supports Easy Mesh, allowing you to combine multiple compatible routers to create a seamless, unified Wi-Fi network with a single network name.

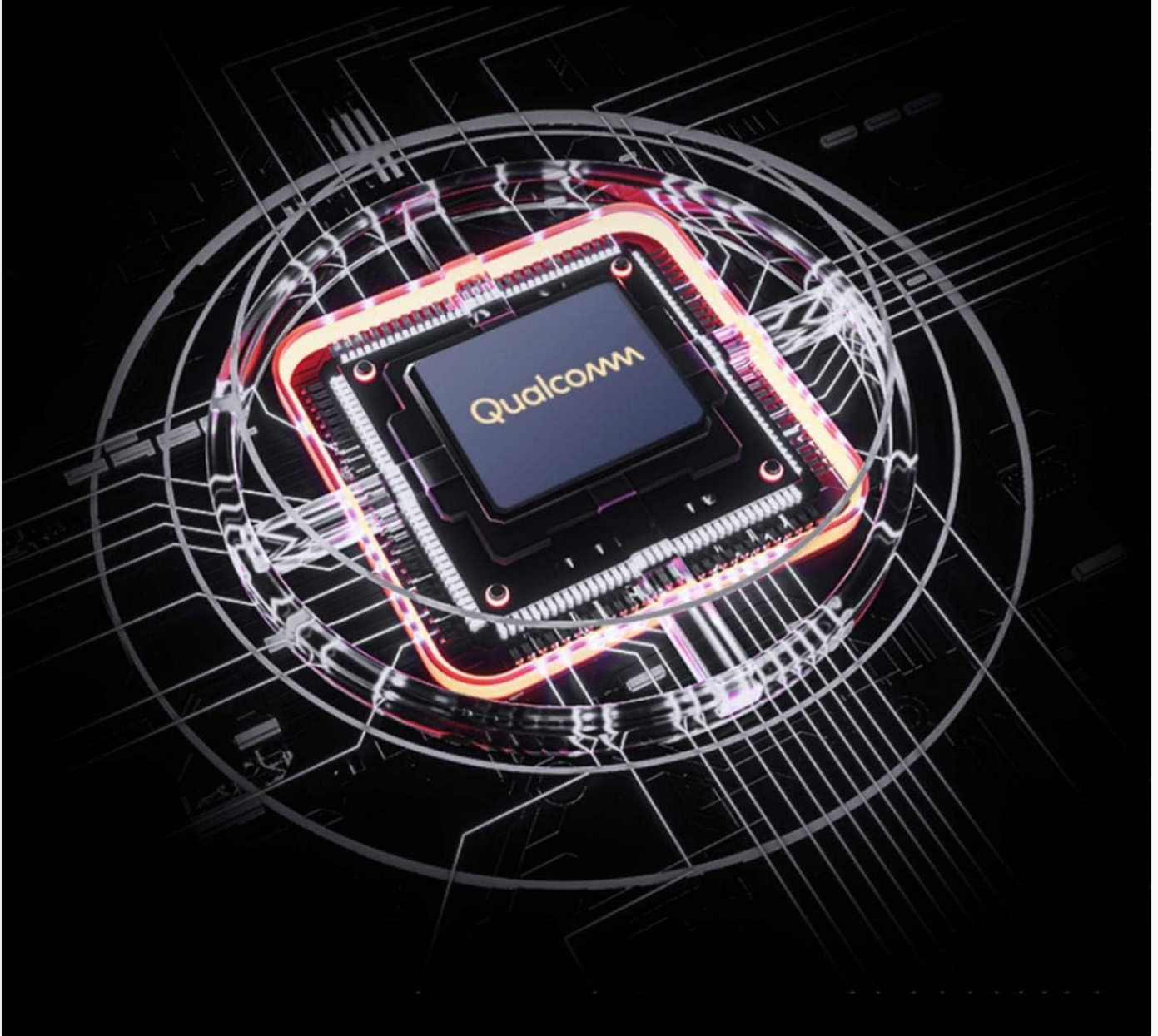
支持Easy Mesh 一鍵組網



The ZTE Miracle T3000 supports Easy Mesh technology, allowing multiple routers to form a unified network for seamless, expanded Wi-Fi coverage throughout larger homes or offices with one-click setup.

- **Qualcomm High-Performance Chip:** The router is powered by a Qualcomm chip, ensuring fast data processing, low latency, and a stable connection for all your online activities.

Qualcomm高性能芯片 速度快 時延低 連接穩



At the core of the ZTE Miracle T3000 is a high-performance Qualcomm chip, engineered to deliver fast speeds, low latency, and a stable, reliable network connection for all your devices.

4. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your router:

- **Firmware Updates:** Periodically check the ZTE official website for firmware updates. Updating firmware can improve performance, add new features, and fix security vulnerabilities.
- **Regular Reboot:** Rebooting your router every few weeks can help clear its memory and resolve minor performance issues. Simply unplug the power adapter for 10-15 seconds and then plug it back in.
- **Physical Cleaning:** Keep the router free from dust. Use a soft, dry cloth to wipe the exterior. Ensure ventilation holes are not blocked.
- **Security Best Practices:** Always use strong, unique passwords for your Wi-Fi network and router's administrative interface. Consider enabling WPA3 if supported by your devices.

5. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

- **No Internet Connection:**
 - Check all cable connections (modem to router, router to power).
 - Reboot both your modem and router.
 - Verify your internet service provider (ISP) is not experiencing an outage.
- **Slow Wi-Fi Speed:**
 - Ensure your devices are connected to the 5GHz band if possible.
 - Reduce interference by moving the router away from other electronics.
 - Check for firmware updates.
 - Limit the number of active devices or bandwidth-intensive activities.
- **Wi-Fi Disconnections:**
 - Try changing the Wi-Fi channel in the router settings to avoid interference.
 - Ensure your router's firmware is up to date.
 - Check the distance between your device and the router.
- **Forgot Router Login Password:**
 - Locate the reset button (often a small pinhole) on the router.
 - With the router powered on, use a paperclip to press and hold the reset button for 10-15 seconds until the lights flash. This will restore the router to factory default settings, including the login credentials.

6. SPECIFICATIONS

Feature	Detail
Brand	ZTE
Model Name	T3000
Product Dimensions	24.5 x 13 x 3.7 cm; 400 g
Special Feature	WiFi 6
Frequency Band Class	Dual-Band
Wireless Communication Standard	5 GHz Radio Frequency, 802.11ax, 2.4 GHz Radio Frequency
Compatible Devices	Laptop, Personal Computer, Tablet, Smart Television
Frequency	5 GHz
Recommended Uses for Product	Home
Connectivity Technology	Wi-Fi
Antenna Type	Fixed

Feature	Detail
Date First Available	26 April 2023

7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official ZTE website. The website typically provides:

- Detailed warranty terms and conditions.
- FAQs and troubleshooting guides.
- Driver and firmware downloads.
- Contact information for customer service.

Always ensure you are using the latest firmware for optimal performance and security.

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