

## HUAWEI ws880

# Huawei WS880 1750M 11AC Dual Gigabit Wireless Router User Manual

Model: WS880

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Huawei WS880 1750M 11AC Dual Gigabit Wireless Router. The WS880 is designed to provide high-speed wireless connectivity and reliable network performance for your home or small office environment. Please read this manual thoroughly before using the device to ensure proper setup and optimal performance.

## 2. SAFETY INFORMATION

To prevent damage to the device or injury to yourself or others, observe the following safety precautions:

- Do not expose the router to water or high humidity.
- Do not place the router near heat sources or in direct sunlight.
- Use only the power adapter provided with the device.
- Ensure proper ventilation around the router to prevent overheating.
- Do not attempt to open or repair the device yourself. Contact qualified service personnel for assistance.
- Keep the device out of reach of children.

## 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Huawei WS880 Wireless Router
- Power Adapter
- Ethernet Cable
- Quick Start Guide (this manual serves as the detailed guide)

## 4. PRODUCT OVERVIEW

Familiarize yourself with the components of your Huawei WS880 router.

### 4.1 Front View



Figure 4.1: Front view of the Huawei WS880 router. The front panel is clean and white, featuring LED indicators for status and a central Huawei logo button.

## 4.2 Rear Panel and Ports



Figure 4.2: Rear panel of the Huawei WS880 router. From left to right, it includes a recessed Reset button, a Power input jack, a blue USB 3.0 port, a blue WAN port, and four yellow Gigabit LAN ports.

- **Reset Button:** Used to restore factory default settings. Press and hold for 5-10 seconds while the router is powered on.
- **Power Input:** Connects to the provided power adapter.
- **USB 3.0 Port:** For connecting external storage devices (e.g., USB hard drives, flash drives) to share files over the network.
- **WAN Port (Blue):** Connects to your modem or internet service provider's (ISP) network.
- **LAN Ports (Yellow):** Four Gigabit Ethernet ports for connecting wired devices such as computers, gaming consoles, or smart TVs.

## 5. SETUP

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Follow these steps for the initial setup of your Huawei WS880 router:

### 1. Connect the Hardware:

- Connect your modem's Ethernet cable to the **WAN port** (blue) on the back of the WS880 router.
- Connect the power adapter to the **Power input** on the router and then plug it into a power outlet.
- Wait for the router to power on. The indicator lights on the front panel will illuminate.

### 2. Connect a Device:

- **Wired Connection:** Connect a computer to one of the **LAN ports** (yellow) on the router using an Ethernet cable.
- **Wireless Connection:** On your Wi-Fi enabled device (laptop, smartphone), search for available Wi-Fi networks. The default Wi-Fi network name (SSID) and password are usually printed on a label on the bottom of the router. Connect to this network.

### 3. Access the Web-based Management Page:

- Open a web browser (e.g., Chrome, Firefox, Edge) on the connected device.
- In the address bar, type the default IP address of the router, usually [192.168.3.1](http://192.168.3.1) or [hiwifi.com](http://hiwifi.com), and press Enter.

- Follow the on-screen instructions to complete the initial setup wizard, which will guide you through setting up your internet connection, Wi-Fi name (SSID), and password.

## 6. OPERATING

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### 6.1 Connecting Devices

- Wired Devices:** Plug an Ethernet cable from your device into any of the yellow LAN ports on the router.
- Wireless Devices:** On your device, enable Wi-Fi, search for your network name (SSID), and enter your Wi-Fi password. The WS880 supports dual-band Wi-Fi (2.4 GHz and 5 GHz) for optimal performance.

### 6.2 Managing Settings

Access the web-based management page ([192.168.3.1](http://192.168.3.1) or [hiwifi.com](http://hiwifi.com)) to configure advanced settings:

- Wi-Fi Settings:** Change SSID, password, security type (WPA2-PSK recommended).
- Guest Network:** Create a separate Wi-Fi network for guests to enhance security.
- Parental Controls:** Manage internet access times and content for specific devices.
- Firmware Upgrade:** Regularly check for and install firmware updates to improve performance and security.

## 7. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your router:

- Regular Reboot:** Periodically reboot the router (once a month or as needed) by unplugging the power adapter for 10 seconds and then plugging it back in. This can resolve minor connectivity issues.
- Keep Clean:** Gently wipe the router with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ventilation:** Ensure the router is placed in a well-ventilated area, away from obstructions that could block airflow.
- Firmware Updates:** Keep the router's firmware updated to the latest version. This often includes performance improvements and security patches.

## 8. TROUBLESHOOTING

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

- No Internet Access:**
  - Check if the WAN port cable is securely connected to both the router and the modem.
  - Reboot both the modem and the router. Wait for a few minutes for them to establish connection.
  - Verify your internet service is active with your ISP.
- Wi-Fi Signal Weak or Unstable:**
  - Move the router to a central location, away from obstacles and interference sources (e.g., cordless phones, microwaves).
  - Ensure your devices are within the router's Wi-Fi range.
  - Try changing the Wi-Fi channel in the router's settings to avoid interference from neighboring networks.
- Cannot Access Router Management Page:**
  - Ensure your device is connected to the router (wired or wireless).
  - Verify you are typing the correct IP address ([192.168.3.1](http://192.168.3.1)) or domain ([hiwifi.com](http://hiwifi.com)).
  - Clear your browser's cache and cookies, or try a different browser.

- If all else fails, perform a factory reset (see Section 4.2 for Reset Button). Note that a factory reset will erase all your custom settings.

## 9. SPECIFICATIONS

Key technical specifications for the Huawei WS880 router:

Feature	Description
Model Name	WS880
Wireless Standard	802.11ac
Frequency Band Class	Dual Band (2.4 GHz and 5 GHz)
Data Transfer Rate	1750 Megabits Per Second
LAN Port Bandwidth	1000 Mbps (Gigabit Ethernet)
Number of Ports	2 (WAN, USB) + 4 (LAN)
Connectivity Technology	Wireless
Dimensions	30 x 19.99 x 10.01 cm (approx.)
Manufacturer	Huawei

## 10. WARRANTY AND SUPPORT

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

*Note: Specific warranty terms and support contact details may vary by region.*

## 11. OFFICIAL PRODUCT VIDEOS

No official product videos from the seller were provided in the product data for this model.



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Documents - HUAWEI – ws880

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**WS880** 802.11ac Wireless Router Quick Start 11.. Connecting Cables If you are accessing the Internet using a digital subscriber line DSL connection, connect the cables in the sequence of 1 to 7. If you are accessing the Internet using an Ethernet connection network cable , connect the cables in t...

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[www.huaweidevice.com/worldwide/support/hotline](http://www.huaweidevice.com/worldwide/support/hotline). : **WS880** 1 . , 1 . , 1 . , 1 . , 1 . 2 . , . 1 A B USB ...

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Connecting Cables 6 Wireless Connection Setup 7 QR Code Scanning Quick Start 1 x WS880 power adapter network cable and Warranty Card When configuring the for first time use a to connect Scomputer 3Powering On After is plugged into wall mounted outlet Touch icon turn all indicators off or on 2 3 4 5 1Obtaining More Information Thanks purchasing 802 11ac Router short This quick start will show you how your access the The figures in this guide are reference only appearance display features product described manual may include copyrighted software of Huawei possible licensors Customers shall not any manner reproduce distribute modify Center Id 26777 version 49292 siteCode sg view true 18249 worldwide c1 huawei c



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Product Brochure Datasheet 16 MBProduct data Huawei WS880 wireless router Dual band 2 4 GHz 5 4G White 53034051mmo 26464891 1518519293 7403 16650objects icecat biz objects mmo 16650 |||

**WS880** 802.11ac Dual Band Wireless Router 1750 Mbps Gigabit Wi-Fi 11ac 1300

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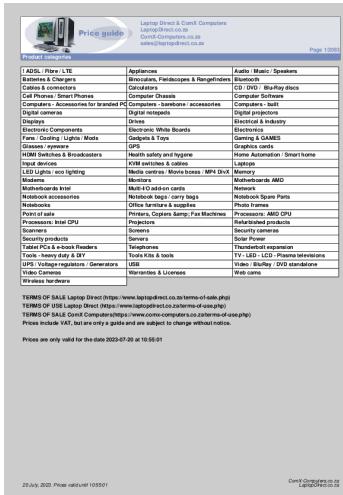


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