Ubiquiti UDR-US

Ubiquiti Dream Wi-Fi 6 Router User Manual

Model: UDR-US | Brand: Ubiquiti

Introduction

The Ubiquiti Dream Router (UDR) is an all-in-one Wi-Fi 6 router designed to provide high-performance and reliable wireless connectivity. It integrates advanced 4x4 MU-MIMO and OFDMA technology, offering an aggregate wireless throughput rate of up to 3 Gbps across its 2.4 GHz and 5 GHz bands. The UDR features five Gigabit Ethernet (GbE) RJ45 ports, with two supporting Power over Ethernet (PoE) for compatible devices. Its integrated LCM color screen allows for convenient monitoring of connections and network status. This comprehensive network hub is designed for easy setup and configuration via the UniFi Network web application or mobile app, making it suitable for both home and small business environments.

Key Features

- **Wi-Fi 6 (802.11ax) Support:** Experience high-performance and reliable wireless connectivity with the latest Wi-Fi standard.
- **High Throughput:** Achieves an aggregate wireless throughput rate of up to 3 Gbps over 2.4 GHz and 5 GHz bands.
- **Gigabit Ethernet Ports:** Equipped with five GbE RJ45 ports for ultra-fast wired network speeds.
- **Power over Ethernet (PoE):** Two of the Ethernet ports supply PoE, allowing for power and data transmission over a single cable to devices such as Access Points, IP cameras, or IP phones.
- **Integrated LCM Color Screen:** Conveniently monitor network statistics and device information directly on the router's display.
- **Easy Management:** Can be set up and configured in minutes via the UniFi Network web application or mobile app, offering comprehensive control over your network.
- **Dual-Band Operation:** Utilizes both 2.4 GHz and 5 GHz frequency bands for optimized performance and device compatibility.

Package Contents

Information regarding the exact package contents is not available. Typically, the package includes the Ubiquiti Dream Router (UDR-US) and a power adapter. Additional accessories may vary.

Product Overview



Figure 1: Front/side view of the Ubiquiti Dream Router, showcasing its compact cylindrical design and the five Ethernet ports on the side.

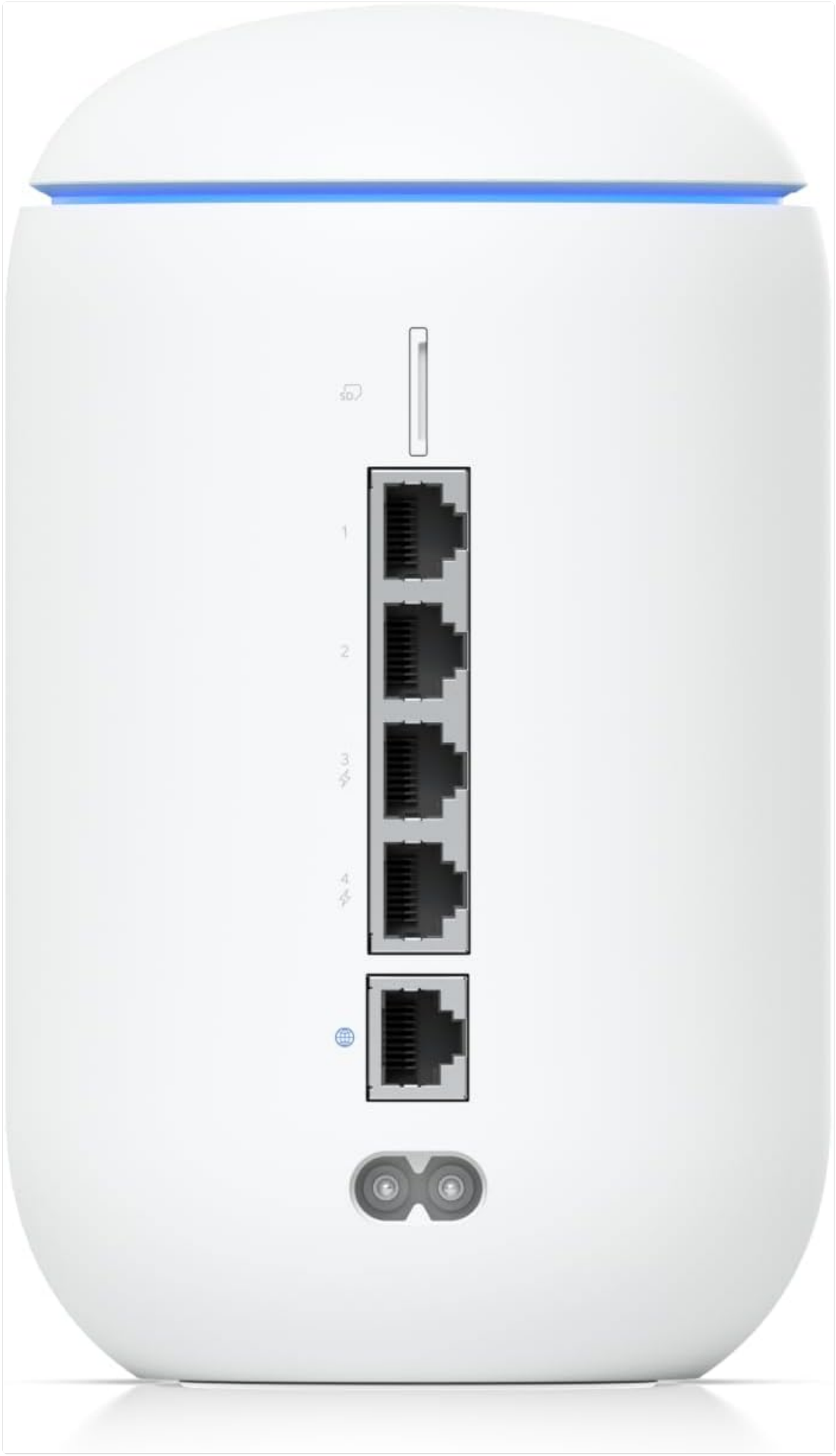


Figure 2: Rear view of the Ubiquiti Dream Router, highlighting the five Ethernet ports, including two with Power over Ethernet (PoE)

capability, and the SD card slot for storage.



Figure 3: Front view of the Ubiquiti Dream Router, displaying the integrated LCM color screen which provides real-time network statistics and device information.



Figure 4: Bottom view of the Ubiquiti Dream Router, showing regulatory markings, model number (UDR-US), and power input details.

Setup Guide

1. **Unpack the Device:** Carefully remove the Ubiquiti Dream Router from its packaging.
2. **Connect Power:** Plug the power adapter into the router's power input and then into a power outlet. The router will begin to power on.
3. **Connect to Internet:** Connect your internet service provider's modem or optical network terminal (ONT) to the WAN port (typically labeled 'WAN' or 'Internet') on the Ubiquiti Dream Router using an Ethernet cable.
4. **Initial Configuration:**
    - **Mobile App Setup:** Download the UniFi Network mobile app from your device's app store. Follow the on-screen instructions within the app to discover and set up your UDR. This is the recommended method for quick setup.
    - **Web Application Setup:** Alternatively, connect a computer directly to one of the UDR's LAN ports using an Ethernet

cable, or connect wirelessly to the default Wi-Fi network broadcast by the UDR. Open a web browser and navigate to the default IP address (usually 192.168.1.1 or unifi.ui.com) to access the UniFi Network web interface and complete the setup.

5. **Network Customization:** Once set up, use the UniFi Network interface to customize your Wi-Fi network name (SSID), password, security settings, and other advanced configurations.

Operating the Device

The Ubiquiti Dream Router is designed for continuous operation. Once configured, it will automatically manage your network. Key operational aspects include:

- **LCM Color Screen:** The front-facing LCM screen provides real-time insights into your network's performance, including Wi-Fi signal strength, connected devices, and data throughput. You can cycle through different information displays by interacting with the screen (if touch-enabled) or through the UniFi Network interface.
- **Web-Based Interface:** For detailed monitoring, configuration, and advanced network management, access the UniFi Network web application. This interface provides comprehensive data on network traffic, connected clients, security alerts, and allows for granular control over all router functions.
- **LED Indicator:** The LED ring at the top of the router indicates its operational status. This LED can be dimmed or turned off entirely via the UniFi Network settings to suit your preferences, especially in bedrooms or living areas.
- **PoE Ports:** Utilize the two Power over Ethernet (PoE) ports to power compatible Ubiquiti devices such as UniFi Access Points or UniFi Protect cameras, simplifying cable management and deployment.

Maintenance

Regular maintenance ensures optimal performance and longevity of your Ubiquiti Dream Router:

- **Firmware Updates:** Regularly check for and install firmware updates through the UniFi Network interface. Updates often include performance improvements, new features, and critical security patches.
- **Cleaning:** Keep the router clean by gently wiping its exterior with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials. Ensure ventilation openings are free from dust and obstructions.
- **Optimal Placement:** Place the router in a central location within your home or office, away from large metal objects, concrete walls, and other electronic devices that may cause interference. This ensures maximum Wi-Fi coverage and signal strength.
- **Power Cycle:** If you experience minor network issues, a simple power cycle (unplugging the power adapter for 10 seconds and plugging it back in) can often resolve them.

Troubleshooting

If you encounter issues with your Ubiquiti Dream Router, consider the following troubleshooting steps:

- **No Internet Connection:**
  - Check if your modem/ONT is working correctly.
  - Ensure the Ethernet cable from your modem/ONT is securely connected to the UDR's WAN port.
  - Reboot both the modem/ONT and the UDR.
- **Slow Wi-Fi Speed:**
  - Verify the router's placement for optimal signal.
  - Check for interference from other devices or neighboring Wi-Fi networks.
  - Ensure your devices support Wi-Fi 6 for best performance.

- Run a speed test from the UniFi Network interface to check your internet service provider's speed.

- **Devices Not Connecting:**
  - Confirm the Wi-Fi password is correct.
  - Check if the device is within Wi-Fi range.
  - Ensure the UDR's Wi-Fi is enabled in the UniFi Network settings.
  - Try forgetting the network on your device and reconnecting.

- **Router Unresponsive:** If the router becomes unresponsive, perform a hard reset by pressing and holding the reset button (usually a small pinhole) for approximately 10 seconds until the LED indicator changes. **Note:** This will revert the router to factory default settings, requiring re-configuration.

Specifications

Attribute	Value
Brand	Ubiquiti
Model Name	Dream Router (UDR-US)
Wireless Type	802.11ax (Wi-Fi 6)
Frequency Band Class	Dual-Band (2.4 GHz, 5 GHz)
Connectivity Technology	Ethernet
Number of Ethernet Ports	5 (including 2 PoE)
Operating System	UniFi OS
Item Weight	2.54 pounds
Product Dimensions (LxWxH)	4.33 x 4.33 x 7.25 inches
Color	Black
Manufacturer	Ubiquiti Networks
Date First Available	May 1, 2022

Warranty and Support

The Ubiquiti Dream Router comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Ubiquiti website. For technical support, troubleshooting assistance, or to inquire about repairs, please contact Ubiquiti customer support through their official channels. Keep your purchase receipt and product serial number readily available when seeking support.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question