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› NewQ Filehub AC750 Travel Router and USB4 M.2 NVMe SSD Enclosure User Manual

NEWQ AC750

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USER MANUAL

Introduction

The NewQ Filehub AC750 Travel Router and USB4 M.2 NVMe SSD Enclosure is a versatile device designed to enhance your digital experience on the go. It combines the functionality of a portable Wi-Fi router, a wireless file hub for external storage, and a high-speed USB4 enclosure for M.2 NVMe SSDs. This manual provides detailed instructions for setting up, operating, and maintaining your device.



Image: The NewQ Filehub AC750 Travel Router (black unit) and the USB4 M.2 NVMe SSD Enclosure (blue unit) displayed together, highlighting their compact design.

2 in 1-Filehub & Router

1. Filehub

Wireless File Transfer Function



Hard Drive/USB Flash/SD Card



2. Router

Wireless Router Function



Laptop/Tablet/Phone



Image: A visual representation illustrating the dual functionality of the device as both a Filehub for wireless file transfer from hard drives, USB flash drives, and SD cards, and a Router for wireless connectivity to laptops, tablets, and phones.

Setup

1. NewQ Filehub AC750 Travel Router Setup

1. **Powering On:** Connect the Filehub to a power source using the provided USB cable. The indicator lights will

illuminate.

2. Initial Wi-Fi Connection:

- Locate the Wi-Fi network name (SSID) and password printed on the bottom of the Filehub device.
- On your smartphone, tablet, or computer, search for available Wi-Fi networks and connect to the Filehub's SSID. Enter the password when prompted.

3. Inserting Storage Devices:

- **SD Card:** Insert an SD card into the designated SD card slot until it clicks into place.
- **USB Storage:** Connect a USB flash drive or external hard drive to the USB port.



Image: A close-up view of the NewQ Filehub AC750 Travel Router, highlighting its compact design and the various ports and indicator lights for connectivity.

2. NewQ USB4 M.2 NVMe SSD Enclosure Setup

1. **Opening the Enclosure:** The enclosure features a tool-free design. Gently slide open the cover to reveal the M.2 slot.
2. **Installing the M.2 NVMe SSD:**
 - Align your M.2 NVMe SSD (supports 2230/2242/2260/2280 sizes) with the slot inside the enclosure.
 - Insert the SSD firmly into the slot at an angle, then gently press it down until it is flat. Secure it with the provided rubber fastener or clip, if applicable.
3. **Closing the Enclosure:** Slide the cover back into place until it securely locks.
4. **Connecting to Host Device:** Use the provided USB4 cable to connect the enclosure to your computer or compatible device. Ensure your device supports USB4, Thunderbolt 4, or Thunderbolt 3 for optimal performance.



Image: The NewQ USB4 M.2 NVMe SSD Enclosure shown open with an M.2 NVMe SSD installed, alongside the high-speed USB4 cable, demonstrating its tool-free setup.

Operating Instructions

1. Filehub Functionality (Wireless File Transfer)

The Filehub allows you to wirelessly access and manage files on connected SD cards, USB flash drives, and external hard drives from your smartphone, tablet, or computer.

1. Accessing Files:

- Ensure your device is connected to the Filehub's Wi-Fi.
- Download and install the NewQ Filehub app (available for iOS/Android) or access the web interface via a browser

(typically <http://10.10.10.254>).

- Within the app/web interface, you can browse, view, download, upload, and manage files on the connected storage devices.
2. **Photo and File Backup:** Use the app's backup feature to automatically or manually transfer photos and files from your mobile device to the connected storage.



Image: Two individuals wirelessly accessing and viewing photos and videos from the NewQ Filehub on their laptop and smartphone, demonstrating convenient media transfer.

Filehub Function

Enables you wirelessly access your storage devices



Computer | iPad | Phone



Hard Drive



USB Flash



SD Card

Image: A diagram illustrating the Filehub's capability to wirelessly access various storage devices, including hard drives, USB flash drives, and SD cards, from computers, iPads, and iPhones.

2. Router Functionality (Mini Wi-Fi Range Extender)

The Filehub can function as a mini Wi-Fi router or range extender, providing internet access to multiple devices.

1. Connecting to an Existing Network (Repeater Mode):

- Connect your device to the Filehub's Wi-Fi.

- Access the web interface (<http://10.10.10.254>) or the NewQ Filehub app.
- Navigate to the Wi-Fi settings and select "Repeater Mode" or "Wi-Fi Extender".
- Scan for available Wi-Fi networks, select the one you wish to extend, and enter its password.
- The Filehub will now extend the range of the selected network.

2. Creating a New Network (Router Mode):

- Connect an Ethernet cable from a modem or existing router to the Filehub's WAN/LAN port.
- Access the web interface or app and configure the Filehub in "Router Mode".
- Set a new SSID and password for the Filehub's Wi-Fi network.

3. USB4 M.2 NVMe SSD Enclosure Operation

Once the SSD is installed and the enclosure is connected to your host device, it will function as an external storage drive.

- **Data Transfer:** Drag and drop files to and from the drive as you would with any external storage. The USB4 interface provides ultra-fast transfer speeds of up to 40Gbps.
- **Compatibility:** Compatible with Thunderbolt 4/3 and USB4/3.2 ports. Supports M1/M2/M3/M4 Mac devices and various operating systems.
- **Optimal Performance:** For maximum speed, ensure your host device's port supports USB4 or Thunderbolt 4/3.

3GB Transferred in 1 Second

An Experience That's Hard to Resist

40Gbps



USB3.0

5 Gbps

USB3.2

10 Gbps

USB4.0

40 Gbps

Image: A graphic illustrating the significant speed advantage of USB4 (40Gbps) compared to USB3.2 (10Gbps) and USB3.0 (5Gbps), showing a 3GB file transfer in 1 second.

Expand Storage For Mac Mini M4

- 1) No need for costly internal upgrades
- 2) Perfect for 4K/8K editing or large file transfers



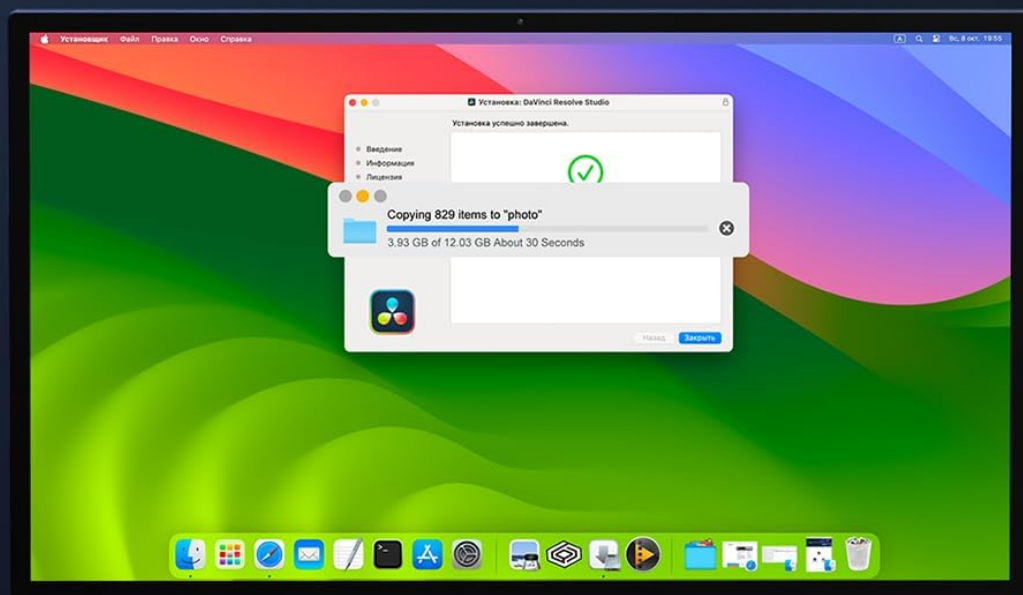
Plug-and-play



Stable



Fast



40Gbps

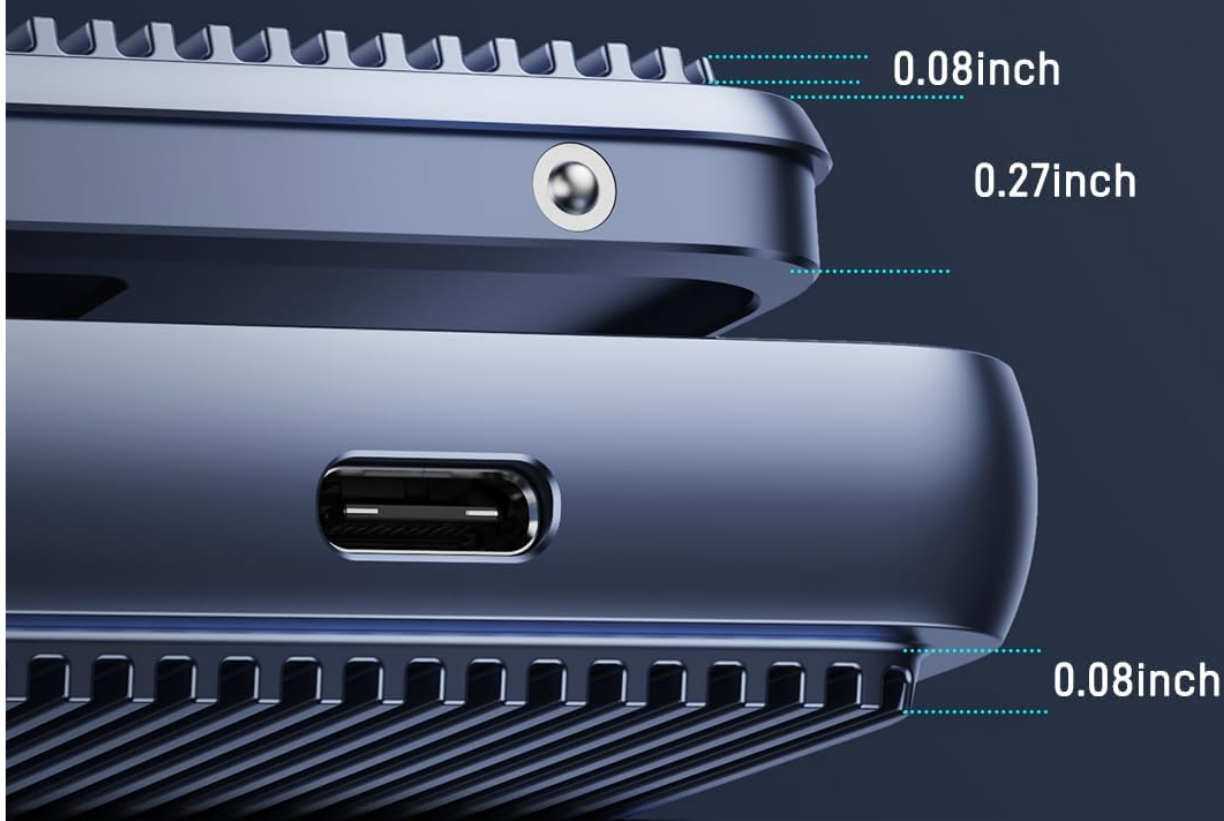
Image: The NewQ SSD Enclosure connected to a Mac Mini, demonstrating its use for expanding storage, ideal for 4K/8K editing or large file transfers, highlighting its plug-and-play, stable, and fast performance.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of both devices. Avoid liquid cleaners or abrasive materials.
- **Firmware Updates:** Periodically check the official NewQ website or the Filehub app for available firmware updates to ensure optimal performance and security. Follow the instructions provided with the update carefully.

- **Proper Storage:** Store the devices in a cool, dry place away from direct sunlight, extreme temperatures, and humidity when not in use.
- **SSD Enclosure Cooling:** The enclosure features a dual-sided raised aluminum heatsink for efficient heat dissipation, ensuring stable operation even during intensive use.

Dual-Sided Raised Aluminum Heatsink



Reliable Cooling Structure

Ensuring the main control chip remains stable
even at **158°F**. Rigorously tested
rigorously tested for reliability.

Image: A detailed view of the NewQ SSD Enclosure's dual-sided raised aluminum heatsink, illustrating its design for reliable cooling and stable operation.

Troubleshooting

Problem	Possible Cause	Solution
Cannot connect to Filehub Wi-Fi.	Incorrect password; Filehub not powered on; out of range.	Verify password; ensure Filehub is powered on; move closer to the device.
Cannot access files on connected storage.	Storage device not properly inserted; unsupported format; app/web interface issue.	Reinsert storage device; ensure format is supported (e.g., FAT32, exFAT, NTFS); restart app/browser.
SSD Enclosure not recognized by computer.	SSD not properly installed; faulty cable; incompatible port; driver issue.	Reinstall SSD; try a different USB4/Thunderbolt cable; connect to a different port; check computer's disk management.
Slow data transfer speeds with SSD Enclosure.	Connected to a slower USB port (e.g., USB 3.0/2.0); cable issue; SSD performance.	Ensure connection to a USB4 or Thunderbolt port; try a different cable; check SSD health.

Specifications

- Brand:** NEWQ
- Model Name:** AC750
- ASIN:** B0F6K8DTV1
- Date First Available:** April 26, 2025
- Frequency Band Class:** Dual-Band
- Wireless Communication Standard:** 802.11ac
- Compatible Devices:** Laptop, Personal Computer, Smartphone, Tablet
- Connectivity Technology:** USB, Wi-Fi
- Operating System (Filehub):** Linux
- SSD Enclosure Interface:** USB4 (backward compatible with Thunderbolt 4/3, USB3.2)
- SSD Enclosure Transfer Speed:** Up to 40Gbps
- SSD Enclosure Compatibility:** M.2 NVMe SSDs (2230/2242/2260/2280)

Warranty and Support

For warranty information and technical support, please refer to the official NEWQ website or contact their customer service directly. Keep your purchase receipt for warranty claims.

NEWQ Store Link: <https://www.amazon.com/stores/NewQ/page/F3C8609D-FE08-4D8B-8D36-C7A275753D80>

