

## Razer RC21-01690100-R3U1

# Razer Thunderbolt 4 Dock User Manual

Model: RC21-01690100-R3U1

## 1. INTRODUCTION

---

The Razer Thunderbolt 4 Dock is a versatile connectivity solution designed to expand the capabilities of your laptop or desktop. It offers high-speed data transfer, support for multiple displays, and pass-through charging, all through a single Thunderbolt 4 cable connection. This dock is compatible with both Windows and Mac systems, and features customizable Razer Chroma RGB lighting.

Key features include:

- **Full Thunderbolt 4 Functionality:** Experience high-speed data transfer, connect multiple displays, and charge your laptop with a single cable.
- **Broad Compatibility:** USB 4 compatible, works with legacy Thunderbolt devices, and supports Windows and Mac systems.
- **Pass-Through Charging:** Keep your USB-C powered laptop charged while simultaneously powering other connected devices.
- **10-Port Hub:** Maximize your setup with a variety of ports for peripherals.
- **Dual 4K or Single 8K Display Output:** Expand your visual workspace with high-resolution display options.
- **Razer Chroma RGB Lighting:** Personalize your dock with customizable lighting effects.

# THUNDERBOLT™ 4 EQUIPPED

for next-gen connectivity



Image 1.1: The Razer Thunderbolt 4 Dock, highlighting its Thunderbolt 4 capabilities for next-generation connectivity.

## 2. SETUP

Follow these steps to set up your Razer Thunderbolt 4 Dock:

1. **Connect Power:** Plug the included power adapter into the dock's power input port and then into a wall outlet. The dock's Chroma lighting should illuminate.
2. **Connect to Host Device:** Use the provided Thunderbolt 4 cable to connect the dock's upstream Thunderbolt 4 port to a Thunderbolt 4 or USB-C port on your laptop or desktop computer.
3. **Connect Peripherals:**
  - **Displays:** Connect your monitors to the available Thunderbolt 4 (USB-C) ports or the HDMI port on the dock. Ensure your cables support the desired resolution (e.g., 4K or 8K).
  - **USB Devices:** Plug in your USB peripherals (keyboard, mouse, external drives) into the USB-A ports.
  - **Ethernet:** For a wired network connection, connect an Ethernet cable from your router or modem to the Gigabit Ethernet port on the dock.
  - **Audio:** Connect headphones or speakers to the 3.5mm audio jack.

- **SD Card:** Insert an SD card into the SD card slot for data transfer.

4. **Driver Installation (if necessary):** For optimal performance, ensure your computer's operating system and Thunderbolt drivers are up to date. In most cases, the dock will be plug-and-play.



Image 2.1: Diagram illustrating the 10-port hub of the Razer Thunderbolt 4 Dock and various connected peripherals.

# FUTURE-PROOF AND BACKWARD-COMPATIBLE

for maximum versatility and ease of use



Image 2.2: Front and rear views of the Razer Thunderbolt 4 Dock, showcasing its various ports for maximum versatility and ease of use.

## 3. OPERATING THE DOCK

Once set up, the Razer Thunderbolt 4 Dock operates seamlessly with your connected devices.

- **Display Configuration:** Your operating system should automatically detect connected displays. You can configure display settings (resolution, arrangement, mirroring/extending) through your computer's display settings. The dock supports dual 4K displays or a single 8K display.
- **Pass-Through Charging:** If your laptop supports USB-C power delivery, the dock will charge your laptop while it is connected, eliminating the need for a separate power adapter for your laptop.
- **Razer Chroma RGB:** To customize the dock's RGB lighting, download and install the Razer Synapse software from the official Razer website. Synapse allows you to synchronize lighting effects with other Razer Chroma-enabled devices and personalize your setup.

# DUAL 4K OR SINGLE 8K DISPLAY OUTPUT

to expand your display options



Image 3.1: The Razer Thunderbolt 4 Dock connected to a monitor and laptop, demonstrating its capability for dual 4K or single 8K display output.

# PASS-THROUGH CHARGING

for greater convenience and peace of mind

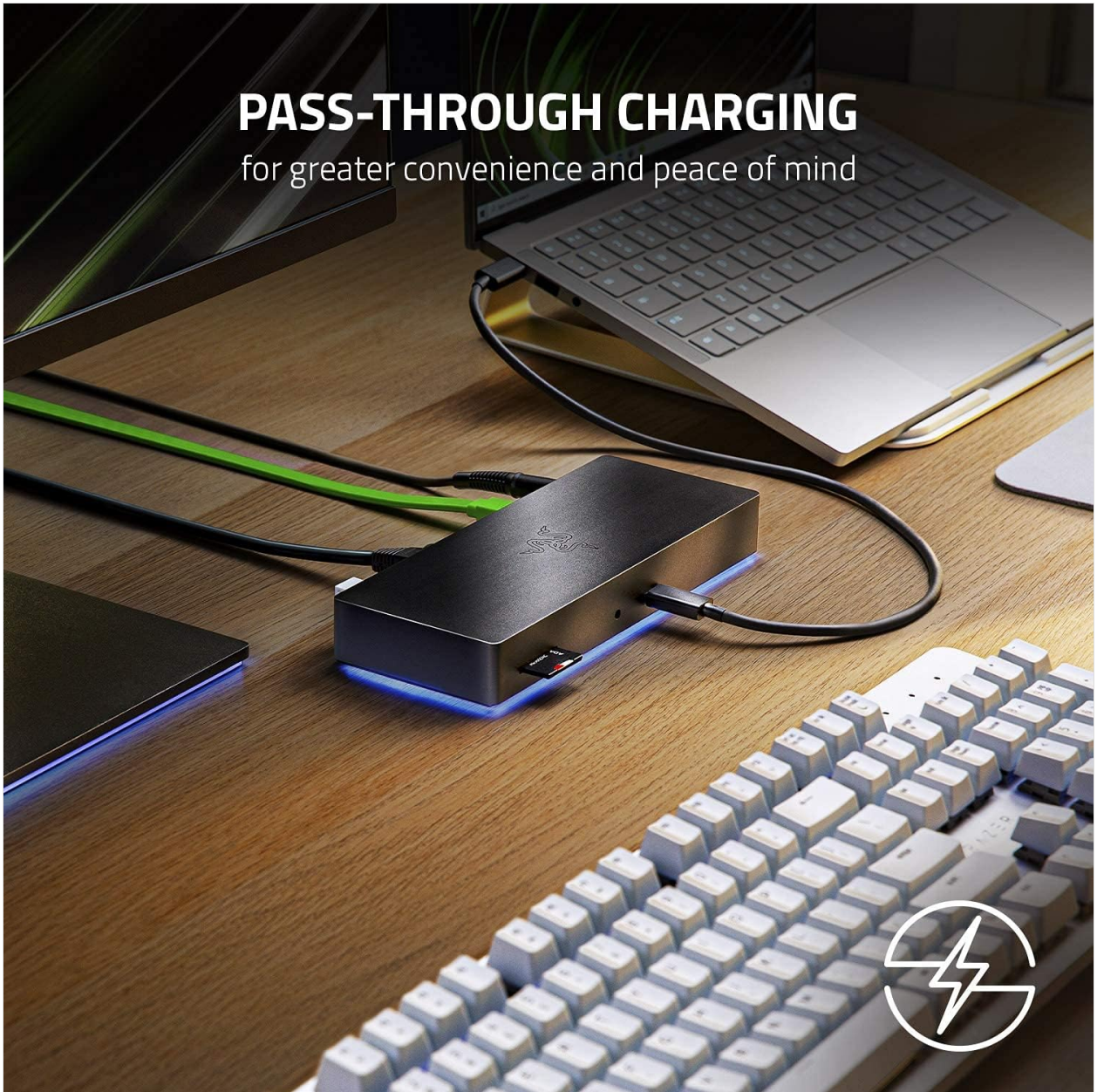


Image 3.2: The Razer Thunderbolt 4 Dock connected to a laptop, illustrating its pass-through charging feature for convenience.

# POWERED BY RAZER CHROMA

for customizable lighting



Image 3.3: The Razer Thunderbolt 4 Dock displaying its customizable Chroma RGB lighting, with the Razer Synapse software interface visible on a monitor.

## 4. MAINTENANCE

---

Proper maintenance ensures the longevity and optimal performance of your Razer Thunderbolt 4 Dock.

- **Cleaning:** Use a soft, dry cloth to wipe down the exterior of the dock. Avoid using harsh chemicals or abrasive materials. Ensure the dock is powered off and disconnected from all devices before cleaning.
- **Ventilation:** Ensure the dock is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Firmware Updates:** Periodically check the official Razer support website for any available firmware updates for your dock. Firmware updates can improve performance, add features, or resolve issues.

## 5. TROUBLESHOOTING

---

If you encounter issues with your Razer Thunderbolt 4 Dock, try the following troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the dock and a working power outlet. Check if the Chroma lighting is active.
- **Devices Not Recognized:**
  - Verify that the Thunderbolt 4 cable is securely connected between the dock and your computer.
  - Try disconnecting and reconnecting the peripheral device to the dock.
  - Restart your computer.
  - Ensure your computer's Thunderbolt drivers are up to date.
- **No Display Output:**
  - Check all display cable connections (HDMI, USB-C to display).
  - Ensure your monitor is set to the correct input source.
  - Test the display directly with your computer if possible to rule out monitor issues.
  - Update your graphics drivers.
- **Intermittent Connectivity:** Ensure all cables are of high quality and securely connected. Avoid placing the dock near sources of electromagnetic interference.
- **Chroma Lighting Issues:** If Chroma lighting is not working as expected, ensure Razer Synapse is installed and running, and check its settings.

If these steps do not resolve your issue, please refer to the official Razer support resources.

## 6. SPECIFICATIONS

<b>Model Number</b>	RC21-01690100-R3U1
<b>Product Dimensions</b>	19 x 7.49 x 2.69 cm
<b>Weight</b>	1.05 kg
<b>Hardware Interface</b>	Thunderbolt 4
<b>Compatible Devices</b>	Windows Laptops, MacBooks, Thunderbolt Devices, USB-C Devices
<b>Total USB Ports</b>	10
<b>Total HDMI Ports</b>	1
<b>Color</b>	Black
<b>UPC</b>	656942067061

## 7. WARRANTY INFORMATION

This product is sold as an Amazon Renewed item. Amazon Renewed products are professionally inspected and tested to work and look like new. If you are not satisfied with your purchase, renewed products are eligible for replacement or refund under the Amazon Renewed Guarantee. Please refer to the Amazon Renewed Guarantee terms and conditions for full details regarding your warranty and return options.

## 8. SUPPORT

For further assistance, technical support, or to download the latest drivers and software (such as Razer Synapse), please visit the official Razer support website:

[www.razer.com/support](https://www.razer.com/support)

You may also contact Amazon customer service for inquiries related to your Amazon Renewed purchase.