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ACT AC7042

ACT AC7042 USB-C 3.2 Gen1 4K Multiport Docking Station User Manual

Model: **AC7042** | Brand: **ACT**

1. Introduction

The ACT AC7042 USB-C 3.2 Gen1 4K Multiport Docking Station is designed to expand the connectivity of your USB-C enabled laptop or device. This compact and versatile dock provides essential ports for display, data transfer, network connectivity, and power delivery, all through a single USB-C connection.

Key Features:

- Connects USB-C laptops to HDMI monitors/TVs (4K@30Hz).
- USB-C pass-through port for power delivery (up to 60W) to your laptop.
- Three USB-A 3.2 Gen1 ports for connecting peripherals.
- One Gigabit Ethernet port for stable wired network access.
- Solid aluminum design with a convenient foldable USB-C cable.

2. Package Contents

- ACT AC7042 USB-C 3.2 Gen1 4K Multiport Docking Station

3. Product Overview and Ports

The ACT AC7042 features a range of ports to enhance your device's connectivity. Familiarize yourself with the layout:



Image: Front view of the ACT AC7042 docking station, highlighting its USB-C Power Delivery pass-through port, HDMI 4K output, Gigabit Ethernet port, and three USB-A 3.2 Gen1 ports.

- **USB-C Host Connector:** Connects to your laptop's USB-C port. The integrated cable folds neatly into the dock for portability.
- **HDMI Port:** Connects to an external monitor or TV for video output up to 4K resolution at 30Hz.
- **USB-C Power Delivery (PD) Pass-through Port:** Connect your laptop's USB-C power adapter here to charge your laptop while using the dock. Supports up to 60W.
- **3x USB-A 3.2 Gen1 Ports:** For connecting USB peripherals such as keyboards, mice, USB drives, or other USB 3.0/2.0 devices. Supports data transfer speeds up to 5Gbps.
- **Gigabit Ethernet Port:** Provides a stable and fast wired network connection (10/100/1000 Mbps).

4. Setup Instructions

Follow these steps to set up your ACT AC7042 docking station:

1. **Connect to Host Device:** Unfold the integrated USB-C cable from the docking station and plug it into an available USB-C port on your laptop or compatible device. Ensure your device's USB-C port supports DisplayPort Alternate Mode (Alt Mode) and Power Delivery for full functionality.
2. **Connect External Display (Optional):** Connect an HDMI cable from your monitor or TV to the HDMI port on the docking station. Your operating system should automatically detect the external display. Adjust display settings as needed.
3. **Connect USB Peripherals (Optional):** Plug your USB devices (e.g., keyboard, mouse, USB flash drive) into the USB-A 3.2 Gen1 ports on the docking station.
4. **Connect to Network (Optional):** For a wired internet connection, connect an Ethernet cable from your router or

modem to the Gigabit Ethernet port on the docking station.

5. **Connect Power Adapter (Optional):** If your laptop requires charging or if you are connecting power-intensive USB devices, connect your laptop's original USB-C power adapter to the USB-C Power Delivery pass-through port on the docking station. This will charge your laptop and provide power to the dock and connected peripherals.

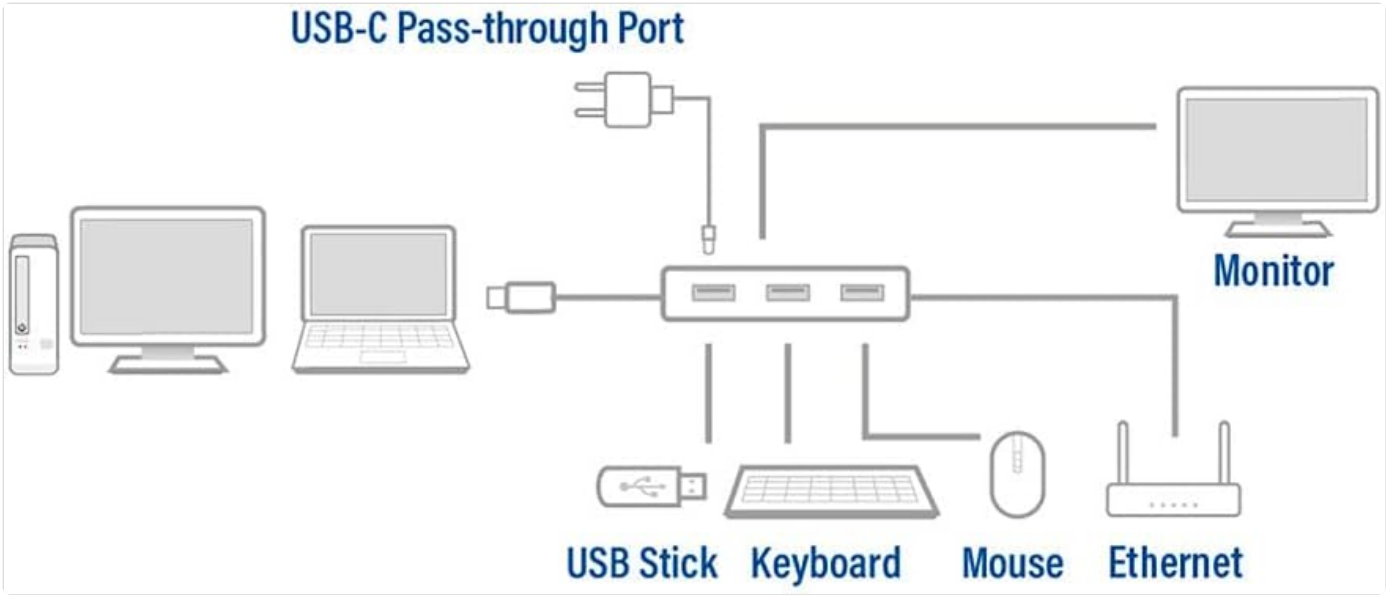


Image: Connectivity diagram illustrating the connection of the USB-C dock to a laptop, external monitor, USB stick, keyboard, mouse, and Ethernet network, with an optional power adapter for the USB-C pass-through port.

5. Operating Instructions

Once connected, the ACT AC7042 operates automatically. No drivers are typically required for Windows or macOS, as it utilizes native operating system support for USB-C Alt Mode and Plug-and-Play functionality.

- **Display Output:** Your external monitor should extend or mirror your laptop's display. You can configure display settings (resolution, orientation, primary display) through your operating system's display settings.
- **USB Peripherals:** Connected USB devices will function as if directly connected to your laptop.
- **Network Connectivity:** The Gigabit Ethernet port provides a stable wired connection. Check your network settings if you experience issues.
- **Power Delivery:** When a compatible USB-C power adapter is connected to the dock's PD port, your laptop will receive power and charge. The dock itself draws minimal power from the host device if no external power is connected.

6. Troubleshooting

- **No Display Output:**
  - Ensure the HDMI cable is securely connected to both the dock and the monitor.
  - Verify your laptop's USB-C port supports DisplayPort Alt Mode.
  - Check your laptop's display settings to ensure the external monitor is detected and configured correctly.
  - Try a different HDMI cable or monitor if available.
- **USB Devices Not Working:**
  - Ensure the USB devices are properly plugged into the dock's USB-A ports.
  - If using a high-power USB device (e.g., external hard drive), ensure an external power adapter is connected to the dock's USB-C PD port.
  - Try connecting the USB device directly to your laptop to confirm it functions independently.

- **No Network Connection:**
  - Verify the Ethernet cable is securely connected to both the dock and your router/modem.
  - Check your laptop's network settings to ensure the Ethernet adapter is recognized and enabled.
  - Restart your router/modem and laptop.
- **Laptop Not Charging via PD Port:**
  - Ensure your laptop's original USB-C power adapter is connected to the dock's USB-C PD port.
  - Verify your laptop's USB-C port supports Power Delivery.
  - Check the power adapter's wattage; some laptops require higher wattage than the 60W supported by the dock's pass-through.

7. Specifications

Model Number	AC7042
Brand	ACT
Color	Grey
Material	Aluminum
Host Interface	USB-C 3.2 Gen1
Video Output	HDMI (4K@30Hz)
USB-A Ports	3x USB-A 3.2 Gen1 (5Gbps)
Ethernet Port	Gigabit Ethernet (10/100/1000 Mbps)
USB-C Power Delivery	Pass-through up to 60W
Compatible Operating Systems	Windows, macOS
Special Features	Foldable USB-C cable
Item Weight	75 Grams

8. Maintenance

To ensure the longevity and optimal performance of your ACT AC7042 docking station:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid liquid cleaners or solvents.
- **Storage:** When not in use, store the dock in a cool, dry place. The foldable cable design helps protect the connector during transport.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Do not attempt to disassemble the unit.

9. Safety Information

- Keep the device away from water, fire, high temperatures, and humid environments.
- Do not expose the device to direct sunlight for extended periods.
- Do not use the device if it has been damaged.
- Keep out of reach of children.

10. Warranty and Support

This product is covered by the manufacturer's warranty. For detailed warranty information or technical support, please refer to the documentation provided with your purchase or visit the official ACT website.

Ask a question about this manual

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.

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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