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Belkin F4U097tt

Belkin Thunderbolt 3 Dock Pro Instruction Manual

Model: F4U097tt

Brand: Belkin

INTRODUCTION

The Belkin Thunderbolt 3 Dock Pro is a versatile docking solution designed for both Mac and Windows laptops. It provides extensive connectivity, high-speed data transfer, and power delivery through a single cable connection. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your dock.



Image: The Belkin Thunderbolt 3 Dock Pro, shown with its included Thunderbolt 3 cable, power supply, and various peripheral cables, illustrating its comprehensive connectivity options.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Belkin Thunderbolt 3 Dock Pro
- 1 x 2.6ft Thunderbolt 3 Cable
- 1 x 170W Power Supply

SETUP

Connecting the Dock

Follow these steps to set up your Thunderbolt 3 Dock Pro:

1. **Connect the Power Supply:** Plug the included 170W power supply unit into the DC IN port on the back of the dock and then into a wall outlet.
2. **Connect to Your Laptop:** Use the provided 2.6ft Thunderbolt 3 cable to connect the dock's Thunderbolt 3 port (with the computer icon) to a Thunderbolt 3 or USB-C port on your laptop. This single cable provides data, video, and up to 85W of upstream charging to your connected laptop.

3. **Connect Peripherals:** Connect your external monitors, USB devices, Ethernet cable, SD cards, and audio devices to the appropriate ports on the dock.

Port Overview

The dock features a comprehensive array of ports for all your connectivity needs:

- **Front Ports:**

- 1 x USB-A 3.1 Gen 2 port (10Gbps)
- 1 x USB-C 3.1 Gen 2 port (10Gbps)
- SD Card Reader (UHS-II, up to 312 MB/s)
- Audio In/Out (3.5mm jack)

- **Rear Ports:**

- 1 x Thunderbolt 3 port (for laptop connection, 85W upstream charging)
- 1 x Thunderbolt 3 port (for peripherals, 15W downstream power)
- 1 x DisplayPort 1.4
- 1 x Gigabit Ethernet port
- 4 x USB-A 3.0 ports (5Gbps)
- DC IN (170W PSU connection)

CONNECT EVERYTHING WITH ONE CABLE

Run multiple devices through a single dock, including hard drives, monitors, mice, keyboards and more.

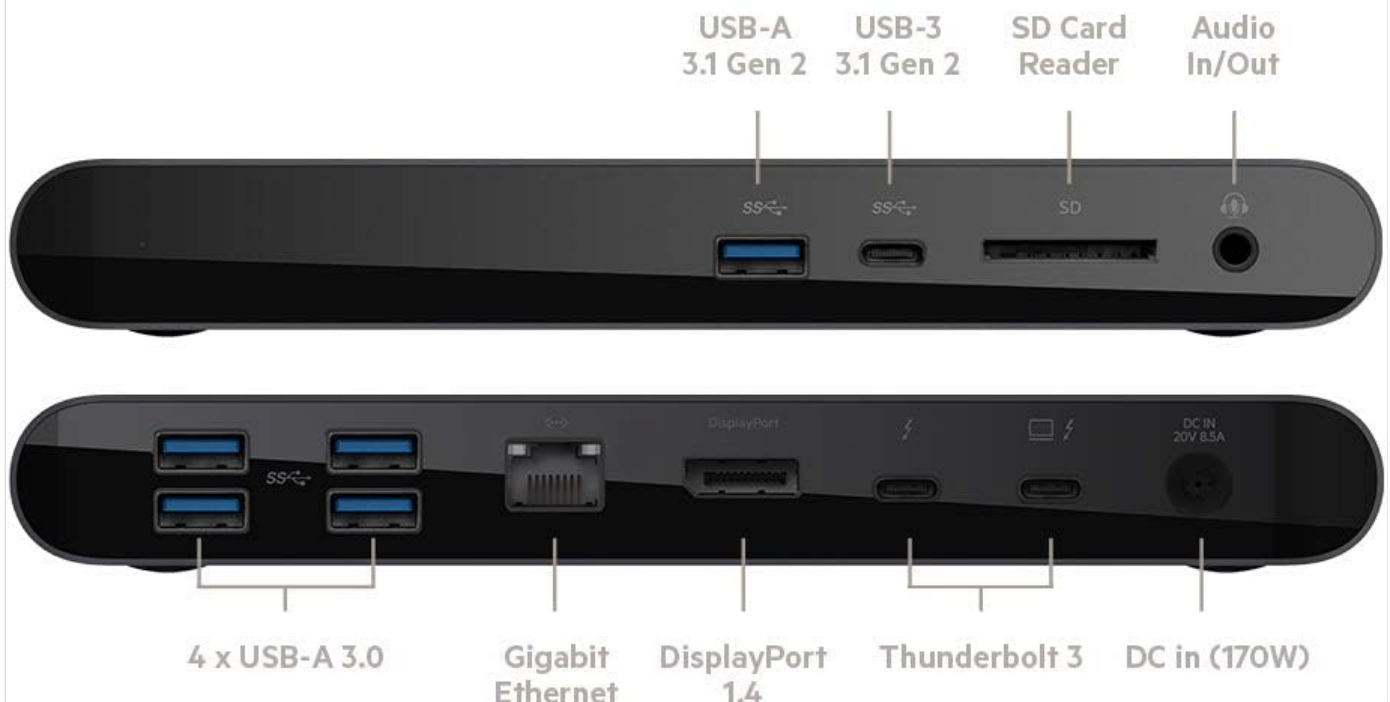


Image: A detailed diagram illustrating the location and type of all ports on both the front and rear of the Thunderbolt 3 Dock Pro.



Image: A close-up view of the front panel, highlighting the USB-A, USB-C, SD card reader, and audio in/out ports.



Image: The rear panel of the dock, displaying the Thunderbolt 3 ports, DisplayPort, Gigabit Ethernet, USB-A 3.0 ports, and the power input.

OPERATING THE DOCK

Power Delivery and Charging

The dock provides up to 85W of power to your connected laptop through the Thunderbolt 3 cable, ensuring your device remains charged while in use. This eliminates the need for a separate laptop power adapter.

THUNDERBOLT 3 TECHNOLOGY

Supports ultra-fast 40 Gbps data transfer rates and 85W power upstream to charge your connected laptop.



Image: A visual representation highlighting the 85W power delivery capability of the dock, indicating efficient charging for connected laptops.

Display Support

The Thunderbolt 3 Dock Pro supports dual 4K displays at 60Hz, allowing for an expanded and high-resolution workspace. Connect one monitor via the DisplayPort and another via the downstream Thunderbolt 3 port (using a compatible adapter if needed).

Note: M1-based MacBooks do not support dual 'Extended' displays through their Thunderbolt 3 ports. When using M1-based MacBooks, users cannot extend their desktop over two displays via the Thunderbolt 3 Port. All other functions of the dock will operate as normal.



SUPPORTS DUAL 4K DISPLAYS

High-resolution support for two 4K screens at 60Hz delivers a future-proof workstation.

Image: Two external monitors connected to the dock, showcasing its ability to support dual 4K displays for an enhanced visual experience.

Data Transfer

Experience ultra-fast data transfer speeds of up to 40 Gbps through the Thunderbolt 3 connection. The SD card slot supports Ultra-High-Speed II (UHS-II), enabling quick data transfer at up to 312 MB/s bus speed, compatible with standard SD, SDHC, and SDXC cards.

Compatibility

The dock is compatible with both MacOS and Windows operating systems, provided your laptop has a Thunderbolt 3 or USB-C enabled port.

MAC + WINDOWS COMPATIBLE

Supports laptops running MacOS and Windows, for guaranteed compatibility.



Image: A visual demonstrating the dock's compatibility with both macOS and Windows operating systems, supporting a wide range of laptops.



Image: A complete workstation setup, showcasing how the dock integrates various devices like monitors, a drawing tablet, and other peripherals to create an organized and efficient workspace.

MAINTENANCE

To ensure the longevity and optimal performance of your Belkin Thunderbolt 3 Dock Pro, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the exterior of the dock. Avoid using abrasive cleaners, solvents, or aerosol sprays directly on the device.
- **Ventilation:** Ensure the dock is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Handling:** Handle the dock with care. Avoid dropping it or subjecting it to strong impacts.
- **Storage:** When not in use for extended periods, store the dock in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Avoid sharp bends or kinks in the cables, especially the Thunderbolt 3 cable, to prevent damage.

TROUBLESHOOTING

If you encounter issues with your Thunderbolt 3 Dock Pro, refer to the following common problems and solutions:

- **No Power/Dock Not Responding:**

- Ensure the 170W power supply is securely connected to the dock and a working power outlet.
- Verify the Thunderbolt 3 cable is firmly connected to both the dock and your laptop.

- **External Displays Not Working or Flickering:**

- Check all display cable connections (DisplayPort, Thunderbolt 3 to display adapter).
- Ensure your laptop's display drivers are up to date.
- Confirm your monitors are set to the correct input source.
- For M1-based MacBooks, remember that dual 'Extended' displays are not supported via Thunderbolt 3.
- If using DisplayPort converters (e.g., DisplayPort to HDMI/DVI/VGA), ensure they are high-quality and compatible. Direct DisplayPort connections are recommended for optimal performance.

- **USB Devices Not Recognized:**

- Try connecting the USB device to a different USB port on the dock.
- Ensure the device is properly powered, if it requires external power.
- Disconnect and reconnect the Thunderbolt 3 cable from your laptop.
- If using a USB audio interface, try unplugging and replugging it from the dock if it doesn't reconnect after laptop disconnection/reconnection.

- **Ethernet Connection Issues/Slow Speed:**

- Verify the Ethernet cable is securely connected to both the dock and your router/modem.
- Check your network settings on your computer.
- Ensure your network infrastructure (router, cables) supports Gigabit Ethernet speeds.

- **Dock Gets Warm:**

- It is normal for the dock to become warm during operation, especially under heavy load, due to the high-speed data transfer and power delivery. Ensure adequate ventilation around the device.

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SPECIFICATIONS

Feature	Specification
Model Number	F4U097tt
Dimensions (LxWxH)	9.75" x 5.12" x 0.79" (24.76 cm x 13 cm x 2 cm)
Weight	14.9 ounces (0.42 kg)
Color	Space Gray
Host Connection	Thunderbolt 3
Upstream Charging	Up to 85W
Data Transfer Speed	Up to 40 Gbps
Video Output	DisplayPort 1.4, Thunderbolt 3 (via USB-C)
Max Resolution	Dual 4K @ 60Hz (7680 x 4800 max)
USB Ports	1 x USB-A 3.1 Gen 2, 1 x USB-C 3.1 Gen 2, 4 x USB-A 3.0
Ethernet	Gigabit Ethernet
Card Reader	SD (UHS-II)
Audio	3.5mm Audio In/Out
Total Ports	12

WARRANTY AND SUPPORT

Belkin products are designed for quality and reliability. The Belkin Thunderbolt 3 Dock Pro typically comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Belkin support website.

Belkin Product Protection You Can Count On



 **Designed
in California.
Built for quality.**



Image: Belkin's commitment to product protection, highlighting a typical 2-year coverage period for their devices.

For technical support, FAQs, and driver downloads (if applicable), please visit the official Belkin support page at www.belkin.com/support.