

Plugable TBT3-UDZ

Plugable 14-in-1 USB-C and Thunderbolt Dock (TBT3-UDZ) - Instruction Manual

Model: TBT3-UDZ | Brand: Plugable

1. INTRODUCTION

The Plugable 14-in-1 USB-C and Thunderbolt Dock (TBT3-UDZ) is a versatile docking station designed to expand the connectivity of your Thunderbolt 3, Thunderbolt 4, USB4, or USB-C enabled laptop. It provides a single-cable solution for connecting multiple displays, USB peripherals, Ethernet, and charging your laptop, enhancing productivity and simplifying your workspace.

This dock supports dual 4K 60Hz displays via HDMI or DisplayPort, delivers up to 96W of power to your host laptop, and offers a wide array of ports for various devices.

2. PACKAGE CONTENTS

- Plugable 14-in-1 USB-C and Thunderbolt Dock (TBT3-UDZ)
- Vertical Stand
- UL Certified Power Adapter
- Thunderbolt 3 40Gbps USB-C Cable (2.6ft/80cm)
- Quick Start Guide

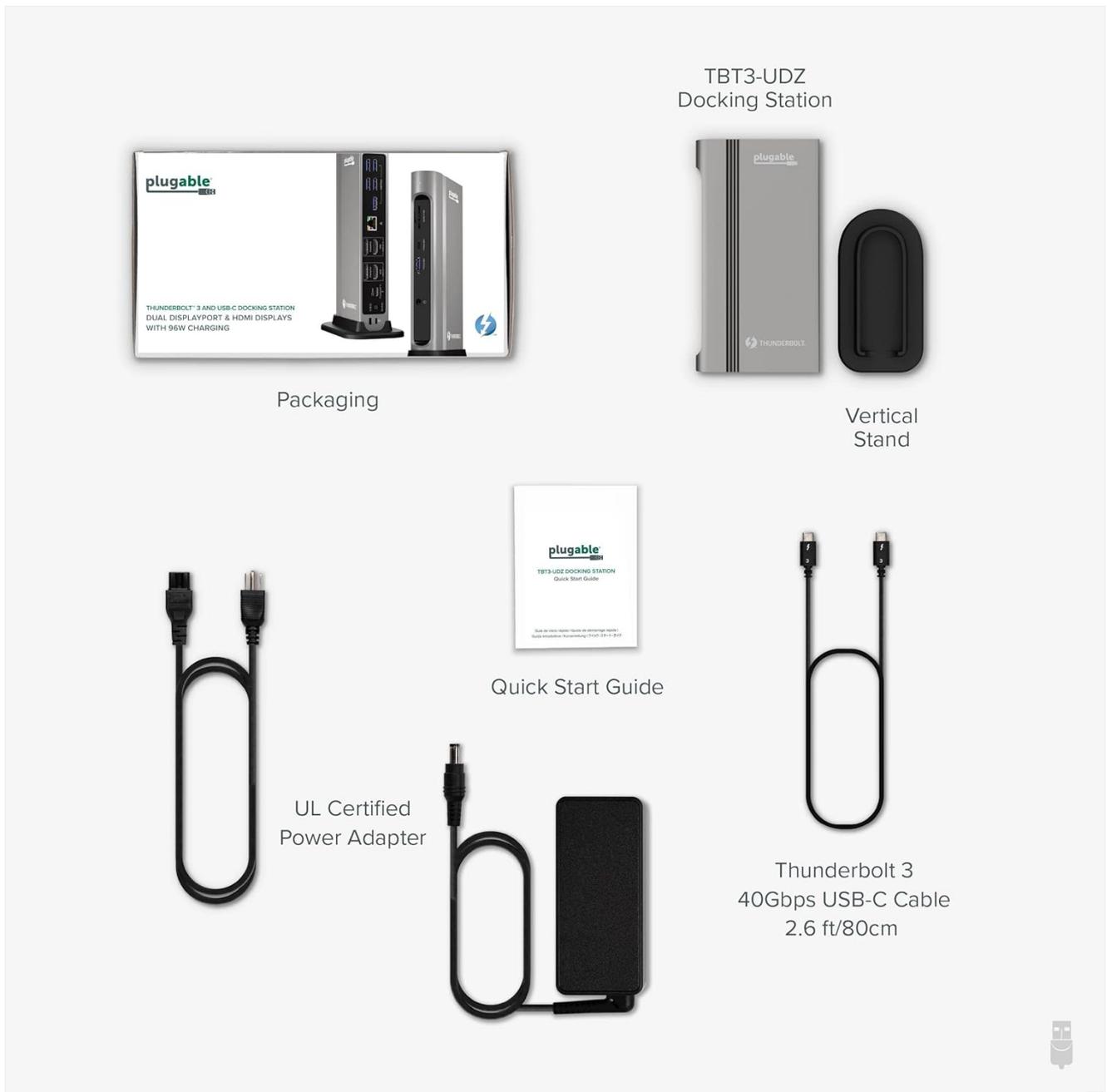


Image: The package contents include the docking station, vertical stand, power adapter, Thunderbolt 3 cable, and quick start guide.

3. PRODUCT OVERVIEW

3.1. Front Panel Ports

- 1x USB-C (10Gbps)
- 1x USB-A (10Gbps)
- 1x Audio In/Out (3.5mm)
- 1x Micro SD/SD Card Reader

3.2. Rear Panel Ports

- 1x Power Input (20V/4.8A)
- 1x Thunderbolt 3 (Host, 96W Power Delivery)
- 2x HDMI 2.0 (up to 4K 60Hz)
- 2x DisplayPort 1.4 (up to 4K 60Hz)

- 1x Gigabit Ethernet
- 5x USB-A 3.0 (5Gbps)



Image: Detailed view of the docking station's front and rear ports, including USB-C, USB-A, Audio, SD/microSD, Power, Thunderbolt, HDMI, DisplayPort, and Ethernet.

4. SETUP

4.1. Connecting the Power Adapter

1. Connect the included UL Certified Power Adapter to the 'Power Input' port on the rear of the docking station.
2. Plug the power adapter into a wall outlet. The dock requires external power to function correctly and provide power delivery to your laptop.

4.2. Connecting to Your Host System

1. Use the included Thunderbolt 3 40Gbps USB-C Cable to connect the 'Thunderbolt 3 (Host)' port on the rear of the dock to a Thunderbolt 3, Thunderbolt 4, USB4, or USB-C port on your laptop.
2. Ensure your laptop's port supports DisplayPort Alternate Mode (Alt Mode) for video output and Power Delivery for charging.

4.3. Connecting Displays

The TBT3-UDZ supports up to two 4K 60Hz displays. You can mix and match HDMI or DisplayPort connections.

1. Connect your monitors to the available HDMI 2.0 or DisplayPort 1.4 ports on the rear of the dock using appropriate cables.
2. For optimal performance, ensure your display cables are rated for 4K 60Hz.

EXTEND DUAL 4K DISPLAYS

The first Thunderbolt 3 dock to offer flexible display types up to 60Hz



Image: The docking station facilitates extending dual 4K displays, offering flexible display types up to 60Hz via HDMI or DisplayPort.

4.4. Connecting Peripherals

- **USB Devices:** Connect USB keyboards, mice, external drives, and other peripherals to the USB-A (5Gbps) ports on the rear or the USB-C (10Gbps) and USB-A (10Gbps) ports on the front.
- **Ethernet:** Connect an Ethernet cable from your network router or switch to the Gigabit Ethernet port on the rear for a stable wired network connection.
- **Audio:** Connect headphones or speakers to the 3.5mm Audio In/Out port on the front.
- **SD/microSD Cards:** Insert SD or microSD cards into the card reader slots on the front for data transfer.

4.5. Driver Installation

The Plugable TBT3-UDZ is generally driverless for core functionality on compatible systems. However, for specific operating systems or advanced features, driver installation might be required. Refer to the Plugable support website for the latest drivers and installation instructions.

Video: This video demonstrates how to set up the Plugable TBT3-UDZ Thunderbolt 3 and USB-C Dock, guiding users through the connection process for power, host system, and peripherals.

5. OPERATING INSTRUCTIONS

5.1. Powering On/Off

The dock powers on automatically when connected to power and a host system. Some models may feature a power button for manual control.

5.2. Display Configuration

After connecting your monitors, your operating system should automatically detect them. You may need to adjust display settings (resolution, orientation, arrangement) within your OS display preferences.

- **Windows:** Right-click on the desktop, select 'Display settings', and configure your monitors.
- **macOS:** Go to 'System Settings' > 'Displays' to arrange and adjust your monitors.

5.3. Laptop Charging

The dock delivers up to 96W of power to your host laptop through the Thunderbolt 3 connection. Ensure your laptop supports USB Power Delivery (PD) via its Thunderbolt or USB-C port for this feature to work.



Image: The docking station provides up to 100W (96W Certified) power delivery to charge compatible Mac or Windows laptops.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Plugable TBT3-UDZ dock, follow these maintenance guidelines:

- Keep the device in a clean, dry environment away from direct sunlight and extreme temperatures.
- Avoid blocking the ventilation grilles to prevent overheating.
- Clean the exterior with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- Ensure all cables are securely connected to prevent intermittent issues.

7. TROUBLESHOOTING

If you encounter issues with your docking station, try the following steps:

- **No Display Output:** Ensure all display cables are securely connected. Verify your laptop's display settings. Try disconnecting and reconnecting the Thunderbolt cable to the host system.
- **Intermittent Connectivity:** Check all cable connections. Ensure the power adapter is firmly plugged into both

the dock and the wall outlet.

- **Laptop Not Charging:** Confirm the Thunderbolt cable is connected to the host port on the dock and a compatible port on your laptop. Verify the power adapter is correctly connected.
- **USB Devices Not Recognized:** Try connecting the device to a different USB port on the dock or directly to your laptop to isolate the issue.
- **Compatibility Issues:** Certain base model Apple Silicon chips (e.g., M1/M2/M3 base) may only support a single extended display. Capabilities on non-Thunderbolt USB-C laptops depend on the host system's USB-C port features.

Video: This video addresses common setup issues that users might encounter when configuring their docking stations and hubs, providing helpful tips for resolution.

8. SPECIFICATIONS

Product Dimensions	4.13 x 1.42 x 7.68 inches
Item Weight	4.22 pounds
Item Model Number	TBT3-UDZ
Hardware Interface	Thunderbolt
Total USB Ports	8 (1x USB-C 10Gbps, 1x USB-A 10Gbps, 6x USB-A 5Gbps)
Total HDMI Ports	2
Total DisplayPort	2
Ethernet	Gigabit Ethernet
Wattage	100 watts (96W certified Power Delivery to host)
Card Reader	SD/microSD

9. COMPATIBILITY

- **Thunderbolt Systems:** Compatible with M1/M2/M3 Pro/Max, 'Base' M4 Pro/Max, and Intel CPU Thunderbolt 3 Macs (e.g., MacBook Pro 16"). Supports Windows systems with Thunderbolt, USB4, and USB Type-C.
- **USB-C Systems:** Capabilities on non-Thunderbolt USB-C laptops are dependent on the host system's USB-C port features. May support only one external screen on base M1/M2/M3 chips.
- **Display Support:** Drives up to two 4K 60Hz displays via Thunderbolt 3, Thunderbolt 4, or USB4. Supports up to two 1080p 60Hz displays via USB-C.

10. WARRANTY AND SUPPORT

Every Plugable product, including this docking station, is covered against defects for 2 years and comes with lifetime support. If you ever have questions, contact our North American-based team for assistance, even before purchase.

