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Tobenone UDS017T

Tobenone Thunderbolt 3 Dock (UDS017T) User Manual

Model: UDS017T

1. Introduction

The Tobenone Thunderbolt 3 Dock is a compact and full-featured USB-C docking station designed to enhance your productivity. It offers universal compatibility, single 5K or dual 4K@60Hz video output, 65W power delivery, UHS-II SD 3.0 card readers, multiple USB ports, Gigabit Ethernet, and audio connectivity. All these features are accessible through a single Thunderbolt 3 cable connected to your laptop, making it an ideal solution for a streamlined workspace.

Image: The Tobenone Thunderbolt 3 Dock facilitating a dual 4K monitor setup for enhanced productivity.

2. Package Contents

Please verify that all items are present in the package:

- 1 x Tobenone Thunderbolt 3 Dock
- 1 x 65W Power Supply
- 1 x Thunderbolt 3 Cable
- 1 x Thunderbolt 3 to HDMI Adapter



Image: All components included in the Tobenone Thunderbolt 3 Dock retail package.

3. Product Overview and Ports

The Tobenone Thunderbolt 3 Dock provides a comprehensive array of ports to connect all your peripherals. Familiarize yourself with the port layout:



Image: Front and rear views of the Thunderbolt 3 Dock with all ports clearly labeled for easy identification.

Front Panel Ports:

- **Indicator Light:** Shows power and connection status.
- **SD/MicroSD Card Slots:** UHS-II SD 4.0 compatible for high-speed data transfer.
- **Audio In & Out (3.5mm):** For headphones and microphones.
- **USB-C (10Gbps):** For data transfer.

- **USB 3.1 (10Gbps):** For high-speed data transfer.
- **USB 3.0 (5Gbps):** For data transfer.
- **USB 2.0:** Ideal for keyboard and mouse.

Rear Panel Ports:

- **DisplayPort:** For connecting an external monitor.
- **Connect to Laptop (Thunderbolt 3):** Main connection to your computer.
- **Thunderbolt 3 Port (40Gbps):** For data transfer or connecting an external monitor.
- **USB 2.0:** For peripherals like keyboard and mouse.
- **S/PDIF (Optical Out):** For digital audio output.
- **RJ45 LAN Port:** Gigabit Ethernet for wired network connection.
- **DC-IN:** Power input from the 65W power supply.

4. Key Features

- **Dual 4K or Single 5K Display:** Supports up to two 4K@60Hz monitors or one 5K@60Hz display.
- **High-Speed Data Transfer:** Thunderbolt 3 port offers 40Gbps, USB-C and USB 3.1 ports up to 10Gbps.
- **65W Power Delivery:** Charges your laptop and other devices safely and stably.
- **UHS-II SD 4.0 Card Slot:** Faster transfer of photos and videos from cameras.
- **Extensive Connectivity:** 16 ports including 7 USB ports, Gigabit Ethernet, DisplayPort, and audio.
- **Plug-and-Play:** No drivers required for most operating systems.

5. Setup Guide

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

1. **Connect Power:** Plug the included 65W power supply into the DC-IN port on the rear of the docking station, then connect it to a power outlet.
2. **Connect to Laptop:** Use the provided Thunderbolt 3 cable to connect the dock's "Connect to Laptop" port to your laptop's Thunderbolt 3 or 4 port.
3. **Connect Monitors:**
    - For a single monitor, connect it to either the DisplayPort or the Thunderbolt 3 port (using the included Thunderbolt 3 to HDMI adapter if needed).
    - For dual monitors, connect one to the DisplayPort and the other to the Thunderbolt 3 port.
4. **Connect Peripherals:** Plug in your USB devices (keyboard, mouse, external drives), Ethernet cable, SD cards, and audio devices into the corresponding ports on the dock.

Image: Proper connection of the power adapter to the dock and the dock to the laptop for stable operation and charging.

6. Operating Instructions

6.1 Display Configuration

The dock supports various display configurations:

- **Single 5K Display:** Connect one monitor to the Thunderbolt 3 port for up to 5120x2880@60Hz resolution.
- **Dual 4K Extended Display:** Connect one monitor to the DisplayPort and another to the Thunderbolt 3 port for two 4K (3840x2160@60Hz) extended displays.

Note: MacBooks with M1/M2 chips can only extend to ONE external monitor due to Apple chip limitations.



Image: Resolution chart for single 5K and dual 4K monitor configurations.



Image: Example of a dual 4K monitor setup in extended mode.



Image: Example of a single 5K monitor setup.

6.2 Data Transfer

Utilize the various USB ports and card readers for efficient data transfer:

- **Thunderbolt 3 Port:** Up to 40Gbps for ultra-fast data transfer.
- **USB-C & USB 3.1 Ports:** Up to 10Gbps for high-speed device connections.
- **USB 3.0 Ports:** Up to 5Gbps for standard data transfer.
- **UHS-II SD 4.0 Card Slots:** Transfer large media files quickly from SD/microSD cards.



Image: Overview of the high-speed data transfer capabilities of the dock.

6.3 Device Charging

The dock provides 65W power delivery to your connected laptop and can also charge other devices:

- **Laptop Charging:** The dock supplies up to 65W to power and charge your compatible laptop via the Thunderbolt 3 connection.
- **Peripheral Charging:** USB ports can provide power to charge smartphones, tablets, and other USB-powered accessories.



Image: Highlighting the power output capabilities for charging devices.

Your browser does not support the video tag.

Video: An official overview of the Tobenone 16-in-1 Thunderbolt 3 Dual Monitor Dock, demonstrating its features and connectivity.

7. Compatibility

The Tobenone Thunderbolt 3 Dock is compatible with laptops equipped with a Thunderbolt 3 or Thunderbolt 4 port. Ensure your laptop's USB-C port supports DisplayPort Alternate Mode (DP Alt Mode) if you are using a USB-C connection that is not Thunderbolt.

Supported Operating Systems:

- macOS 10.0 and future releases (Intel, M1 Pro/Max, M2 Pro/Max)
- Windows 8/10 (32 and 64-bit) and future releases

Compatible Laptop Models (Examples):

- **MacBook Pro:** 2016/2017/2018/2019/2020 (Intel), 2021 M1 Pro/Max, 2023 M2 Pro/Max

- **MacBook Air:** (Retina 13-inch) 2018/2019
- **Dell:** XPS 15 9550, Inspiron 7389, Precision 5510
- **HP:** Spectre x360 13, EliteBook x360 G2
- **Lenovo:** Yoga 920, IdeaPad 720S, T480, Thinkpad-X1
- **Surface:** Pro 7 (with Thunderbolt 3/4)

Note: MacBooks with M1/M2 chips only support one external display. Intel-based Macs and M1 Pro/Max/Ultra Macs support two external displays.



Image: Visual guide to the universal compatibility of the docking station.

8. Troubleshooting

If you encounter issues, please refer to the following common solutions:

- **No Display Output:**
  - Ensure your laptop's Thunderbolt 3/4 port supports video output.
  - Check all cable connections (Thunderbolt, DisplayPort, HDMI).
  - Verify monitor input settings.
  - For M1/M2 MacBooks, only one external monitor is supported.
- **No Power Delivery:**
  - Ensure the 65W power adapter is securely connected to the dock and a working power outlet.
  - Confirm your laptop supports charging via Thunderbolt 3/USB-C.
- **USB Devices Not Working:**
  - Try connecting the device to a different USB port on the dock.
  - Ensure the device is properly powered if it requires external power.
- **Ethernet Connection Issues:**
  - Check the Ethernet cable connection to both the dock and your router/modem.
  - Verify network settings on your computer.
- **Dock Not Recognized:**
  - Restart your laptop.
  - Ensure you are using the included Thunderbolt 3 cable. Other USB-C cables may not be fully compatible.

9. Specifications

Feature	Detail
Model Number	UDS017T
Ports	16 (7x USB, 1x DisplayPort, 2x Thunderbolt 3, 1x Ethernet, 1x SD, 1x MicroSD, 1x 3.5mm Audio In, 1x 3.5mm Audio Out, 1x S/PDIF)
Video Output	Single 5K@60Hz or Dual 4K@60Hz
Power Delivery	65W (to host laptop)

Feature	Detail
Data Transfer Speed	Thunderbolt 3: 40Gbps, USB-C/USB 3.1: 10Gbps, USB 3.0: 5Gbps
Card Reader	UHS-II SD 4.0 (SD/SDHC/SDXC)
Ethernet	Gigabit (10/100/1000 Mbps)
Dimensions (L x W x H)	6.57" x 2.68" x 8.35"
Weight	2.3 pounds
Color	Grey

10. Maintenance

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

- Keep the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid exposing the dock to water or other liquids.
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure proper ventilation around the dock to prevent overheating.
- Avoid dropping or subjecting the device to strong impacts.

11. Warranty and Support

The Tobenone Thunderbolt 3 Dock comes with a**2-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures reliable operation under normal use.

For technical support, troubleshooting assistance, or warranty claims, please contact Tobenone customer service. You can find more information and contact details on the official Tobenone store page: Tobenone Store on Amazon.

Tobenone also offers lifetime technical support for this product.

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