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Tobenone UDS040W

TobenONE UDS040W 18-in-1 USB-C Docking Station User Manual

Model: UDS040W

1. Introduction

Thank you for choosing the TobenONE UDS040W 18-in-1 USB-C Docking Station. This device is designed to expand your laptop's connectivity, offering multiple ports for peripherals, external displays, and power delivery. Please read this manual carefully to ensure proper setup and operation.

2. Product Overview

The TobenONE UDS040W is a versatile docking station featuring 18 ports, a 150W power supply, and a built-in stand for your laptop, tablet, or phone. It is engineered to streamline your workspace and enhance productivity.

2.1 Port Layout

Familiarize yourself with the various ports on your docking station:



Image: Front and back view of the TobenONE UDS040W docking station, highlighting all available ports and their functions.

- **Front Ports:** Audio & Mic (3.5mm), SD/TF 4.0 Card Reader, Green Power LED, USB C 3.2 (10Gbps/20W PD), USB C 3.2 (10Gbps), USB A 3.2 (10Gbps), Power Button.
- **Rear Ports:** Ethernet (2.5Gbps), Audio & Mic (3.5mm), DC Power Input, USB 3.0*2 (5Gbps), USB 2.0*2 (480Mbps), Host (USB-C to connect to laptop), USB-C 3.0 (5Gbps), HDMI 1, HDMI 2, DisplayPort (DP).

3. Setup Instructions

Follow these steps to set up your TobenONE UDS040W docking station:

1. **Connect Power:** Connect the included 150W power adapter to the DC Power Input port on the back of the docking station, then plug the power adapter into a wall outlet.
2. **Connect to Laptop:** Use the provided USB-C to USB-C cable to connect the 'Host' port on the back of the docking station to your laptop's USB-C port (ensure your laptop's USB-C port supports Power Delivery, Data Transfer, and Display Alt Mode).

3. **Connect Displays:** Connect your external monitors to the HDMI 1, HDMI 2, and/or DisplayPort (DP) outputs on the back of the docking station using appropriate cables.
4. **Connect Peripherals:** Plug in your USB devices (keyboard, mouse, external drives, etc.) to the available USB-A and USB-C ports. Connect your Ethernet cable for wired network access and audio devices to the 3.5mm audio jacks.
5. **Power On:** Press the power button on the front of the docking station. The green power LED will illuminate.

4. Operating Instructions

4.1 Display Configuration

The docking station supports single, dual, and triple monitor setups. The maximum resolution and refresh rate depend on your laptop's capabilities (DP1.4 with DSC support recommended for highest resolutions).



Image: Example of a triple monitor setup with a laptop connected to the TobenONE UDS040W docking station.

- **Single Monitor:** Up to 8K@30Hz or 4K@144Hz (with DP1.4 and DSC support).
- **Dual/Triple Monitor:** Up to 4K@60Hz (with DP1.4 and DSC support).

For detailed resolution specifications based on your laptop's DP version, refer to the table below:

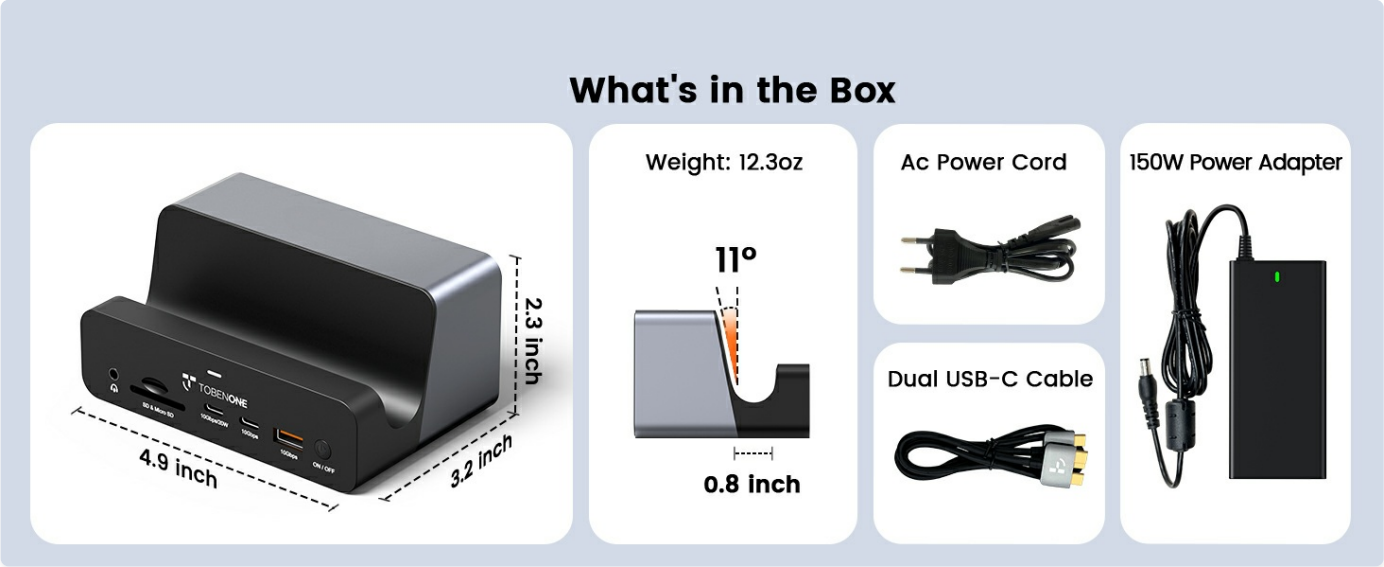


Image: Resolution specification table for various monitor configurations and DisplayPort versions.

Note: All USB-C ports on the docking station cannot support extending any USB-C monitor directly. If your laptop only supports DP1.2, you can only mirror/extend dual monitors; one of the three monitors will not work in a triple display setup.

4.2 Power Delivery

The docking station includes a 150W power adapter, providing up to 100W Power Delivery to your connected laptop and up to 20W charging for your phone or tablet via the front USB-C port.



Image: The 150W power adapter provides stable and fast charging for multiple devices.

4.3 USB Connectivity

With 8 USB ports, the docking station offers extensive connectivity for all your peripherals:



Image: Overview of USB ports and their respective data transfer speeds.

- 2x USB-C 3.2 (10Gbps)
- 1x USB-A 3.2 (10Gbps)
- 1x USB-C 3.0 (5Gbps)
- 2x USB 3.0 (5Gbps)
- 2x USB 2.0 (480Mbps)

These ports support data transfer speeds up to 10Gbps, allowing for quick file transfers.

4.4 Ethernet Connectivity

Experience stable and fast network speeds with the integrated 2.5Gbps Ethernet port.



Image: The 2.5Gbps Ethernet port provides ultra-fast wired network connectivity.

4.5 Audio Ports

Two 3.5mm audio jacks (front and rear) offer flexible options for connecting headphones, speakers, or microphones.

4.6 SD/TF 4.0 Slots

The front-facing SD/TF 4.0 card reader supports simultaneous use, ideal for photographers and content creators.

5. Compatibility

The TobenONE UDS040W docking station is designed for broad compatibility with various operating systems and host devices:



Image: Compatibility overview for operating systems and laptop models.

- **Supported OS Versions:** Windows 10/11 and later, ChromeOS 100.x and later, Android 7.1 and later, Ubuntu 20.04 and later.
- **Supported Host Devices:** Laptops with full-featured USB-C, Thunderbolt 3/Thunderbolt 4, or USB4 ports (supporting Power Delivery, Data Transfer, and Display Alt Mode). This includes models from Dell, HP, Lenovo ThinkPad, Microsoft Surface Pro series, Google Pixelbook, ASUS Zenbook, ASUS Chromebook, and Acer Spin.
- **Important Note:** This docking station is **NOT compatible with macOS**.

6. Maintenance

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

- Keep the device in a dry, well-ventilated area.
- Avoid exposing it to extreme temperatures or direct sunlight.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners.

- Avoid dropping or subjecting the device to strong impacts.
- Disconnect the power adapter when not in use for extended periods.

7. Troubleshooting

If you encounter issues, please refer to the following tips:

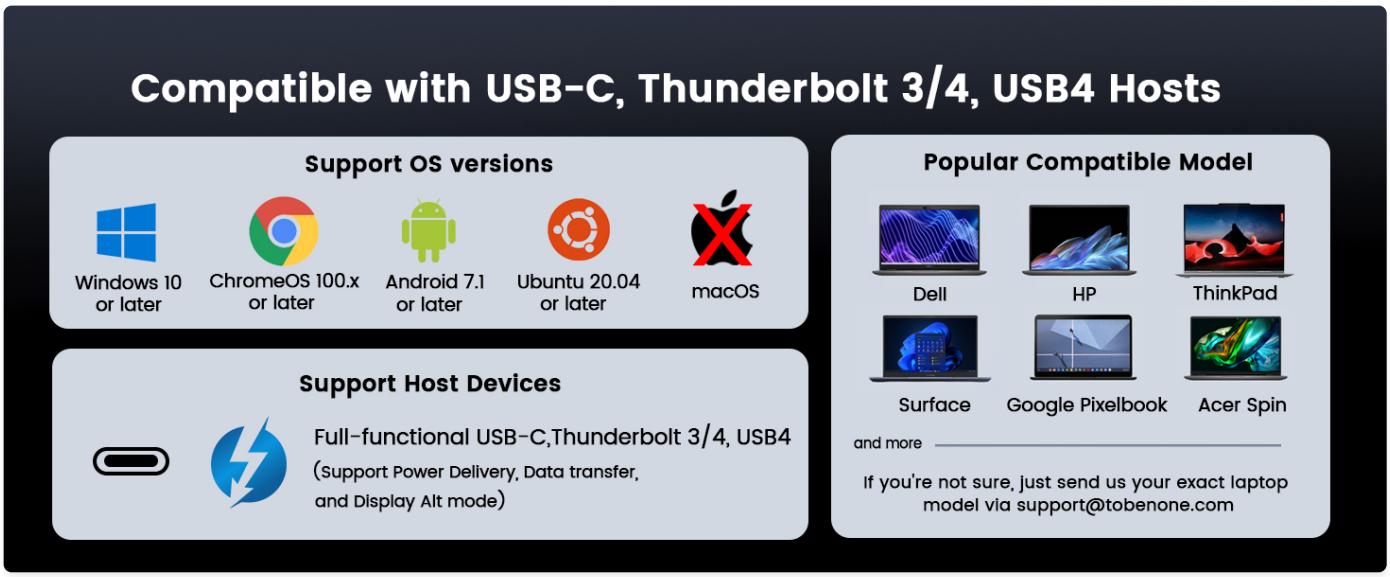


Image: Quick troubleshooting tips for common issues.

- **No Display Output:**
  - Ensure your laptop's USB-C port supports Display Alt Mode.
  - Check all cable connections (USB-C to laptop, HDMI/DP to monitors).
  - Verify that the docking station is powered on.
  - Update your laptop's graphics drivers.
  - If using multiple monitors, check your laptop's display settings to extend or duplicate displays.
- **Charging Issues:**
  - Ensure the 150W power adapter is correctly connected and plugged into a live outlet.
  - Confirm your laptop supports USB-C Power Delivery.
  - Some high-powered laptops (e.g., Dell, HP, ThinkPad) may display a 'low charging' warning if using a third-party charger instead of their original AC adapter, even if sufficient power is provided. This is a system notification and typically does not affect charging performance.
- **USB Devices Not Recognized:**
  - Reconnect the USB device.
  - Try a different USB port on the docking station.
  - Ensure the docking station is properly connected to your laptop.
- **Ethernet Connection Problems:**
  - Check the Ethernet cable connection to both the docking station and your router/modem.
  - Verify network settings on your laptop.
- **Audio Not Working:**

- Ensure your audio device is correctly plugged into one of the 3.5mm audio jacks.
- Check your laptop's sound settings and select the docking station's audio output. Note that if two audio devices are connected to both audio ports, you need to select one for use as they cannot work simultaneously.

8. Specifications

Feature	Description
Model Number	UDS040W
Total Ports	18
Video Outputs	2x HDMI, 1x DisplayPort (DP)
Max Single Monitor Resolution	8K@30Hz or 4K@144Hz
Max Dual/Triple Monitor Resolution	4K@60Hz
USB Ports	2x USB-C 3.2 (10Gbps), 1x USB-A 3.2 (10Gbps), 1x USB-C 3.0 (5Gbps), 2x USB 3.0 (5Gbps), 2x USB 2.0 (480Mbps)
Ethernet	2.5Gbps
Card Reader	SD/TF 4.0 (simultaneous use)
Audio Ports	2x 3.5mm Audio & Mic
Power Supply	150W Adapter (up to 100W PD to laptop, 20W to front USB-C)
Dimensions (L x W x H)	12.5 cm x 8.1 cm x 5.8 cm (approx. 4.9 x 3.2 x 2.3 inches)
Weight	12.3 ounces
Compatible OS	Windows 10/11+, ChromeOS 100.x+, Android 7.1+, Ubuntu 20.04+
Incompatible OS	macOS

9. What's in the Box

The TobenONE UDS040W package includes the following items:



Image: All items included in the TobenONE UDS040W product packaging.

- TobenONE UDS040W Docking Station
- 3.3ft USB-C Cable
- 150W Power Adapter
- AC Power Cord

10. Warranty and Support

TobenONE is committed to providing high-quality products and excellent customer service. If you experience any issues with your docking station, please contact TobenONE customer support for assistance.

- **Customer Service:** For technical support or warranty inquiries, please contactsupport@tobenone.com.
- **Warranty Information:** Refer to your purchase documentation or contact customer support for details regarding the product warranty.

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