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Targus DOCK190USZ

Targus USB-C Universal DV4K Docking Station

Model: DOCK190USZ

INTRODUCTION

The Targus USB-C Universal DV4K Docking Station with 100W Power (DOCK190USZ) is designed to expand your workstation capabilities. This docking station is Thunderbolt 3 compatible and supports dual DisplayPort and HDMI monitors, allowing for ultra-high-definition video output. It provides integrated power and charging for most USB-C laptops up to 100W. With four USB 3.0 ports, including one high-powered for charging devices, and an Audio In/Out port, it offers comprehensive connectivity for a customized and efficient workspace. Its compact design ensures it fits seamlessly into any desktop environment.



Figure 1: Front view of the Targus USB-C Universal DV4K Docking Station.

SETUP

Package Contents

- Targus USB-C Universal DV4K Docking Station (DOCK190USZ)
- 1-meter USB-C to C host cable (detachable)
- Power adapter with various power tips for compatible laptops (Acer, Asus, Compaq, Dell, Fujitsu, Gateway, HP, IBM/Lenovo, and Toshiba)

Connecting the Docking Station

1. **Connect Power:** Plug the power adapter into the docking station's DC IN port and then into a wall outlet.
2. **Connect to Host Device:** Use the provided USB-C to C host cable to connect the docking station to your laptop's USB-C port.
3. **Connect Displays:**
 - For DisplayPort monitors: Connect DisplayPort cables from your monitors to the DisplayPort outputs on the docking station.
 - For HDMI monitors: Connect HDMI cables from your monitors to the HDMI outputs on the docking station.
 - The dock supports dual 4K Ultra HD monitor video via 2 DisplayPort (DP 1.2a) and 2 HDMI (HDMI 2.0) ports, allowing for a mix of both.
4. **Connect Peripherals:** Plug your USB devices (keyboard, mouse, external drives), Ethernet cable, and audio devices (speakers, microphones, earphones) into the corresponding ports on the docking station.



Figure 2: Rear view of the docking station with various connectivity options.

Driver Installation

For optimal performance and full functionality, especially with certain operating systems like macOS (including M1 MacBooks), it may be necessary to install DisplayLink drivers. Please visit the official DisplayLink website and download the latest drivers compatible with your operating system. Follow the on-screen instructions for installation and grant any necessary permissions.

OPERATING THE DOCKING STATION

Power and Charging

The docking station delivers power to your connected USB-C laptop up to 100W, ensuring your device remains charged while connected. This feature streamlines your setup by eliminating the need for a separate laptop charger.

Display Configuration

Once connected, your operating system should automatically detect the external monitors. You can then configure your display settings (e.g., extend, duplicate, resolution) through your computer's display settings. The dock supports resolutions up to 4096 x 2160 p60 24bpp color for crisp, clear images.

USB Connectivity

The docking station features four USB 3.0 ports, including one high-powered port designed for charging devices. These ports allow you to connect various USB peripherals such as external hard drives, flash drives, printers, and more, expanding your laptop's connectivity options.

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Figure 3: Front view of the docking station, highlighting the USB-C and audio ports.

MAINTENANCE

- Keep the docking station in a clean, dry environment.
- Avoid exposing the device to extreme temperatures or humidity.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure proper ventilation around the device to prevent overheating.

TROUBLESHOOTING

No Display Output

- Ensure all cables (power, USB-C host, display cables) are securely connected.
- Verify that the correct input source is selected on your monitors.
- Check your computer's display settings to ensure external monitors are detected and configured correctly.
- If using macOS, ensure DisplayLink drivers are installed and necessary permissions are granted (refer to Driver Installation section).
- Try restarting your computer and the docking station.

Peripherals Not Responding

- Ensure USB devices are properly plugged into the docking station's USB ports.
- Try connecting the peripheral directly to your laptop to confirm it functions independently.
- Restart the docking station and your computer.

Laptop Not Charging

- Confirm the docking station's power adapter is securely connected to both the dock and a working power outlet.
- Ensure your laptop supports USB-C Power Delivery and that the USB-C cable is capable of power delivery.
- Verify that the correct power tip is used if your laptop requires one.

SPECIFICATIONS

Feature	Detail
Brand	Targus
Model Number	DOCK190USZ
Product Dimensions	6.8 x 3.3 x 1.6 inches
Item Weight	14.4 ounces
Color	Black/Grey
Display Support	Dual 4K Ultra HD (4096 x 2160 p60 24bpp)
Video Ports	2 x DisplayPort (DP 1.2a), 2 x HDMI (HDMI 2.0)
USB Ports	4 x USB 3.0 (including 1 high-powered), 1 x USB-C USB 3.1 Gen 1 device port
Power Delivery	Up to 100W
Compatibility	Thunderbolt 3 compatible; various OS (Windows, macOS, Android, Chrome OS, Ubuntu)
Audio	Audio In/Out port

WARRANTY AND SUPPORT

This product comes with a limited warranty. Please refer to the warranty information provided with your purchase for specific terms and conditions. For technical support, driver downloads, or further assistance, please visit the official Targus website or contact Targus customer service.

Note: The limited warranty does not cover products purchased from 3rd party sellers.