ACASIS DS-7A15

ACASIS 15-in-1 USB C Docking Station User Manual

Model: DS-7A15

PRODUCT OVERVIEW

The ACASIS 15-in-1 USB C Docking Station is a versatile solution designed to expand the connectivity of your laptop, offering a wide array of ports for various peripherals and external displays. This docking station is compatible with both Mac and Windows systems, providing comprehensive connectivity for a streamlined workspace.

Key features include multiple display outputs, high-speed data transfer, robust power delivery, and essential networking capabilities.

15-in-1 USB-C Docking Station

Power Switch

PD Fast Charging Interface

SD/TF Card

USB C 3.1

Audio

USB C 3.1

USB 3.0

TF PD 24W

SD

USB 3.1

USB 3.0 USB 3.1

HDMI 1 USB 3.0

HDMI 2 USB 3.0

DP LAN

USB-C IN PD IN

HDMI4k@60HZ

USB A 3.0

HDMI4k@30HZ

USB A 3.0

DP 4k@60HZ

Gigabit Ethernet

USB C 3.1

PD100W

Figure 1: Overview of the ACASIS 15-in-1 USB C Docking Station with port labels.

Package Contents

- ACASIS 15-in-1 USB C Docking Station
- USB-C to USB-C Cable (approx. 9.84 inches)
- User Manual

Figure 2: Contents of the product package, including the docking station, USB-C cable, and user manual.

SETUP GUIDE

System Requirements

- **Operating Systems:** Windows 11, Windows 10, macOS 11 and later.
- **Host Device Connection:** Requires a full-function USB-C port, Thunderbolt 3/4, or USB4 port on your laptop/device. This port must support data transfer, power delivery, and display output.

Figure 3: Illustration of required USB-C port capabilities (Data + Power Delivery + Display) for optimal performance.

Connecting the Docking Station

1. **Power Connection:** Connect a 60-100W USB-C power supply (not included) to the "PD IN" port on the docking station. This is essential for charging your laptop and ensuring stable operation, especially when multiple devices are connected. The docking station can supply up to 55W to your laptop and 24W to other connected devices.

2. **Host Connection:** Use the included USB-C to USB-C cable to connect the docking station's "USB-C IN" port to a compatible USB-C, Thunderbolt 3/4, or USB4 port on your laptop.

3. **External Displays:** Connect your monitors to the HDMI 1, HDMI 2, and DP ports as needed.
   - For Windows systems, you can extend up to three different displays (MST mode).
   - For Mac systems, all extended displays will show the same content (SST mode).

4. **Peripherals:** Connect your USB devices (keyboards, mice, external drives), Ethernet cable, SD/TF cards, and audio devices to the corresponding ports on the docking station.

Figure 4: Step-by-step guide for connecting power and host devices to the docking station.

Figure 5: Example of a Windows triple display setup using the docking station.

Figure 6: Example of a Mac OS triple display setup, where all external monitors mirror the same content.

Figure 7: Visual comparison of multi-display capabilities on Windows (extended distinct displays) versus Mac OS (mirrored displays).

OPERATING INSTRUCTIONS

Power Management

The docking station supports Power Delivery (PD) for charging your laptop and other devices. Ensure a sufficient power adapter (60-100W) is connected to the PD IN port for optimal charging performance. The docking station intelligently distributes power, providing up to 55W to the connected laptop and 24W to other devices like smartphones.

Figure 8: Power delivery capabilities, showing simultaneous charging of a laptop and a smartphone.

Data Transfer

Utilize the USB 3.1 and USB 3.0 ports for high-speed data transfer. The USB 3.1 ports support speeds up to 10Gbps, allowing for rapid file transfers. The integrated SD and TF card slots enable simultaneous access to memory cards with transfer speeds up to 90MB/s, ideal for photographers and designers.

USB 3.1 10Gbps Data Transmission

Transfer Datas in Senconds

Figure 9: High-speed data transmission via USB 3.1 ports.

1. Power port for charging laptop and other devices.

2. Maximum supply 24W to charge other devices.
   (65W charger needs to be connected)

3. Connect USB C to C cable (Included)
   Maximum supply 55W to charge laptop.
   (95W charger needs to be connected)

PD IN
(Power supply Not included)

USB-C IN

PD 24W

Figure 10: Simultaneous use of SD and TF card readers.

Network Connection

The Gigabit Ethernet port provides a stable and fast wired internet connection, supporting speeds up to 1000Mbps. This is ideal for reliable network access, especially in environments where Wi-Fi may be unstable or slower.
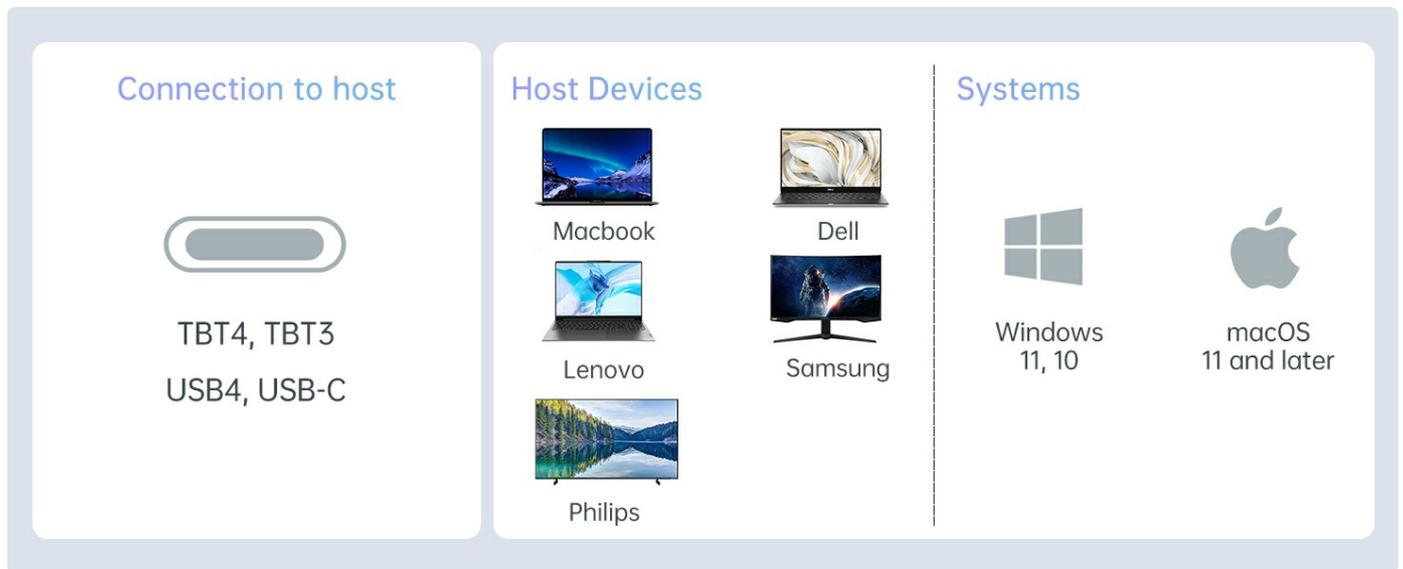

Figure 11: Stable 1000Mbps Ethernet connection.

Audio Output

Connect your headphones or speakers to the 3.5mm AUX port for audio output. This allows you to enjoy high-quality audio through your preferred external audio devices.

Figure 12: Audio output via the 3.5mm AUX port.

MAINTENANCE

To ensure the longevity and optimal performance of your ACASIS 15-in-1 USB C Docking Station, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Avoid using liquid cleaners or aerosols, as they may damage the device.
- **Ventilation:** Ensure the docking station is placed in a well-ventilated area to prevent overheating. Do not block the ventilation grooves on the sides of the device.
- **Storage:** When not in use for extended periods, store the docking station in a cool, dry place away from direct

sunlight and extreme temperatures.

- **Cable Management:** Avoid bending or crimping cables excessively, especially at the connectors, to prevent damage.
- **Power Off:** Disconnect the power supply and all connected devices before cleaning or moving the docking station.

TROUBLESHOOTING

If you encounter issues with your ACASIS 15-in-1 USB C Docking Station, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No display output or flickering screen.	Incompatible USB-C port on host device. Loose cable connections. Insufficient power supply. Driver issues (less common for plug-and-play devices).	Ensure your laptop's USB-C port supports display output (DisplayPort Alt Mode). Check all HDMI/DP and USB-C connections are secure. Verify a 60-100W USB-C power adapter is connected to the docking station. Try updating your laptop's graphics drivers.
Laptop not charging or slow charging.	Power adapter not connected or insufficient wattage. USB-C cable not supporting power delivery.	Connect a 60-100W USB-C power adapter to the docking station's PD IN port. Ensure the USB-C cable used to connect the laptop to the dock supports power delivery.
USB devices not recognized.	Loose connection. Device requires more power than available.	Reconnect the USB device. Ensure the docking station has external power connected. Try connecting the device to a different USB port on the dock or directly to the laptop.
Ethernet connection unstable or not working.	Loose Ethernet cable. Network driver issue.	Ensure the Ethernet cable is securely connected to both the dock and your router/modem. Check your laptop's network settings and drivers.

SPECIFICATIONS

Feature	Detail
Model Number	DS-7A15
Dimensions (L x W x H)	4.6 x 3.32 x 1.42 inches
Weight	15.8 ounces
Total Ports	15
Video Outputs	2 x HDMI (up to 4K@60Hz single, 4K@30Hz dual/triple), 1 x DisplayPort (up to 4K@60Hz)
USB Ports	2 x USB-C 3.1 (10Gbps), 3 x USB-A 3.0 (5Gbps)

Feature	Detail
Card Readers	SD 3.0, TF 3.0 (simultaneous read/write, up to 90MB/s)
Ethernet	1 x RJ45 Gigabit Ethernet (1000Mbps)
Audio	1 x 3.5mm AUX port
Power Delivery (Input)	1 x 100W PD-IN (requires external 60-100W USB-C power supply, not included)
Power Delivery (Output)	Up to 55W to laptop, 24W to other devices
Compatible Devices	Laptops with full-function USB-C, Thunderbolt 3/4, USB4 ports (e.g., MacBook Pro, iPad, Dell, Lenovo, Samsung)
Color	Grey
UPC	729162459142

WARRANTY AND SUPPORT

ACASIS is committed to providing high-quality products and excellent customer service. Your ACASIS 15-in-1 USB C Docking Station comes with a 365-day money-back guarantee, allowing you to try our products with confidence.

Customer Support

For any inquiries, technical assistance, or support needs, please contact our professional after-sales team:

- **Email:** support@acasis.com
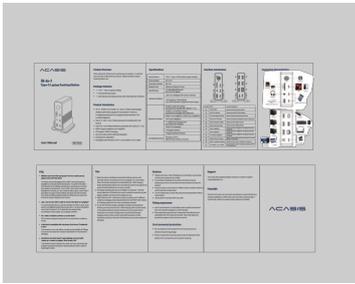- **Service Hours:** 7x24 hours online service anytime.

Please provide your product model number (DS-7A15) and a detailed description of your issue when contacting support to ensure a prompt and efficient resolution.

PRODUCT VIDEO OVERVIEW

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Video 1: An overview of the ACASIS 15-in-1 USB C Docking Station, highlighting its features and connectivity options. (Duration: 0:33)

Documents - ACASIS – DS-7A15