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> CABLETIME USB C NVMe 14-in-1 8K Docking Station User Manual

## CABLETIME CB14S

# CABLETIME USB C NVMe 14-in-1 8K Docking Station User Manual

Model: CB14S

## INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your CABLETIME USB C NVMe 14-in-1 8K Docking Station (Model CB14S). Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.



Image: Front view of the CABLETIME USB C NVMe 14-in-1 8K Docking Station, showcasing its compact design and various front-facing ports.

## PRODUCT OVERVIEW

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The CABLETIME CB14S is a versatile 14-in-1 USB-C docking station designed to expand the connectivity of your laptop or computer. It features multiple ports for video output, data transfer, network connectivity, and power delivery, including an integrated M.2 SSD enclosure.

### Key Features:

- **Video Output:** Dual HDMI 8K@30Hz and one DisplayPort 8K@30Hz for high-resolution external displays.
- **High-Speed Data Transfer:** USB-A 3.1 (10Gbps), USB-C 3.2 (10Gbps), and two USB-A 3.0 ports.
- **Integrated M.2 SSD Enclosure:** Supports NVMe/NGFF SSDs (80mm, 42mm, 30mm lengths) with 10Gbps transfer speed.
- **Power Delivery:** USB-C PD 100W for charging your host device.
- **Network Connectivity:** RJ45 LAN 1000Mbps Ethernet port.
- **Card Readers:** SD and microSD card slots.
- **Audio:** 3.5mm Audio & Mic jack.



Image: Detailed diagram illustrating the various input and output ports on the CABLETIME docking station, including USB-C PD, USB-C Input, DisplayPort, HDMI, USB 2.0, RJ45, USB 3.0, SD/TF 3.0, LED indicator, 3.5mm Audio, USB 3.2, and USB C 3.2.

## 1. Package Contents

Before proceeding, ensure all items are present in the package:

- CABLETIME USB C NVMe 14-in-1 8K Docking Station (CB14S)
- USB-C to USB-C Cable (for host connection)
- User Manual (this document)

## 2. Installing an M.2 SSD (Optional)

The docking station features an integrated M.2 SSD enclosure. Follow these steps to install an M.2 NVMe or NGFF SSD:

1. Gently slide open the SSD compartment cover on the docking station.
2. Carefully insert your M.2 NVMe or NGFF SSD into the slot, ensuring it is properly aligned with the keying. The enclosure supports 80mm, 42mm, and 30mm SSD lengths.
3. Secure the SSD with the provided screw or retention clip, if applicable.
4. Close the SSD compartment cover.



Image: Illustration showing the internal M.2 SSD slot of the docking station and compatible M.2 SSD types (M Key NVMe+SATA, B&M Key NVMe+SATA) and incompatible type (B Key SATA).

### 3. Connecting the Docking Station

1. Connect the provided USB-C to USB-C cable from the "USB C Input" port on the docking station to a compatible USB-C port on your host laptop or computer.
2. (Optional) For power delivery to your host device, connect a USB-C power adapter (up to 100W) to the "USB C PD" port on the docking station.
3. Connect your external monitors to the HDMI and/or DisplayPort outputs on the docking station.
4. Connect any USB peripherals (keyboard, mouse, external drives) to the available USB-A or USB-C data ports.
5. For wired network access, connect an Ethernet cable to the RJ45 port.
6. Insert SD or microSD cards into their respective slots for data access.
7. Connect headphones or speakers to the 3.5mm audio jack.

## OPERATING INSTRUCTIONS

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### Power On/Off

Press the "On/Off" button located on the front of the docking station to power it on or off. The LED indicator will illuminate when the device is powered on.

### Display Configuration

Once connected, your operating system should automatically detect the external displays. You may need to adjust display settings (e.g., resolution, extended/mirror mode) within your computer's display settings.

# Resolução 8K 30Hz



Image: A laptop connected to the docking station, which is then connected to a large 8K display, demonstrating the 8K 30Hz resolution capability.

## Data Transfer

The docking station supports high-speed data transfer through its USB 3.1 (10Gbps), USB 3.2 (10Gbps), and USB 3.0 ports. The integrated M.2 SSD enclosure also provides 10Gbps data transfer for installed SSDs.



Image: The docking station connected to a laptop, with an external SSD connected to the docking station, illustrating high-speed 10Gbps data transfer.

## Network Connection

The RJ45 Ethernet port provides a stable wired network connection at 1000Mbps. Ensure your Ethernet cable is securely connected to both the docking station and your network router/switch.

# RJ45 2,5Gbps



Image: A close-up of the RJ45 Ethernet port on the docking station with an Ethernet cable connected, indicating network connectivity.

## Card Reader Usage

Insert your SD or microSD cards into the corresponding slots. The docking station supports SD 4.0 for fast data access. Ensure the card is inserted correctly to avoid damage.



Image: A close-up of the SD and microSD card slots on the docking station, with a microSD card adapter being inserted into the SD slot.

## Audio Output

Connect your headphones, earphones, or speakers to the 3.5mm audio jack for audio output. This port supports both audio and microphone functions.

# Porta auxiliar P2



Image: A person wearing headphones connected to the 3.5mm audio jack on the docking station, demonstrating its use for audio output.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use for extended periods, store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the device to strong impacts.
- **Ventilation:** Ensure the docking station has adequate ventilation to prevent overheating, especially during heavy use.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No display output.	Incorrect cable connection; incompatible display settings; driver issue.	Ensure HDMI/DP cables are securely connected. Check your computer's display settings. Update graphics drivers.
USB devices not recognized.	Loose connection; insufficient power; driver issue.	Reconnect the USB device. Ensure the docking station is powered (if using PD). Try a different USB port. Update USB drivers.
M.2 SSD not detected.	Improper installation; incompatible SSD type; unformatted SSD.	Verify SSD is correctly seated and secured. Ensure it's NVMe/NGFF (not B Key SATA). Format the SSD if it's new (via Disk Management on Windows or Disk Utility on macOS).
Slow network speed.	Faulty Ethernet cable; network congestion; driver issue.	Try a different Ethernet cable. Check your network connection and router. Update network drivers.
Docking station not powering on.	No power input; faulty USB-C connection to host.	Ensure the USB-C PD adapter is connected and working (if used). Verify the USB-C connection to your host device.

## SPECIFICATIONS

Feature	Detail
Model	CB14S
Input	1x USB-C (Host Connection)
Video Output	2x HDMI 8K@30Hz, 1x DisplayPort 8K@30Hz
USB Data Ports	1x USB-A 3.1 (10Gbps), 1x USB-C 3.2 (10Gbps), 2x USB-A 3.0, 1x USB-A 2.0
SSD Enclosure	1x NVMe/NGFF M.2 SSD (10Gbps), supports 80mm, 42mm, 30mm lengths
Power Delivery	1x USB-C PD 100W
Ethernet	1x RJ45 LAN 1000Mbps
Card Reader	1x SD card slot, 1x microSD card slot
Audio	1x 3.5mm Audio & Mic

Feature	Detail
Wattage	100 watts (PD)
Dimensions	21.5 x 11 x 7 cm (Parcel Dimensions)

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the official CABLETIME website or contact their customer service directly. Keep your purchase receipt for warranty claims.

**Manufacturer:** CABLETIME

**Model:** CB14S

**Date First Available:** July 31, 2023