



Manuals.plus /

› NOVOO /

› NOVOO 14-in-1 USB C Docking Station User Manual

## NOVOO NHM14S-632B1

# NOVOO 14-in-1 USB C Docking Station User Manual

Model: NHM14S-632B1

Brand: NOVOO

## 1. INTRODUCTION

Thank you for choosing the NOVOO 14-in-1 USB C Docking Station. This versatile device expands the connectivity of your USB-C enabled laptop, tablet, or smartphone, transforming it into a powerful workstation. It provides multiple ports for video output, data transfer, network connectivity, and power delivery, enhancing your productivity and multimedia experience.

## 2. PRODUCT OVERVIEW

The NOVOO 14-in-1 USB C Docking Station is equipped with a comprehensive array of ports to meet diverse connectivity needs. Below is an overview of its features and available ports:

- **Video Output:** 1 x DisplayPort (DP) supporting up to 8K@30Hz/4K@120Hz, 2 x HDMI ports supporting up to 4K@60Hz.
- **USB Data Ports:** 2 x USB-A 3.0 ports (up to 5Gbps), 1 x USB-C data transfer port (up to 5Gbps), 3 x USB 2.0 ports.
- **Power Delivery:** 1 x USB-C PD 100W charging port for laptop charging.
- **Network:** 1 x Gigabit RJ45 Ethernet port (1000Mbps).
- **Card Reader:** SD and Micro SD card slots.
- **Audio:** 1 x 3.5mm audio/microphone combo port.

# 14-in-1

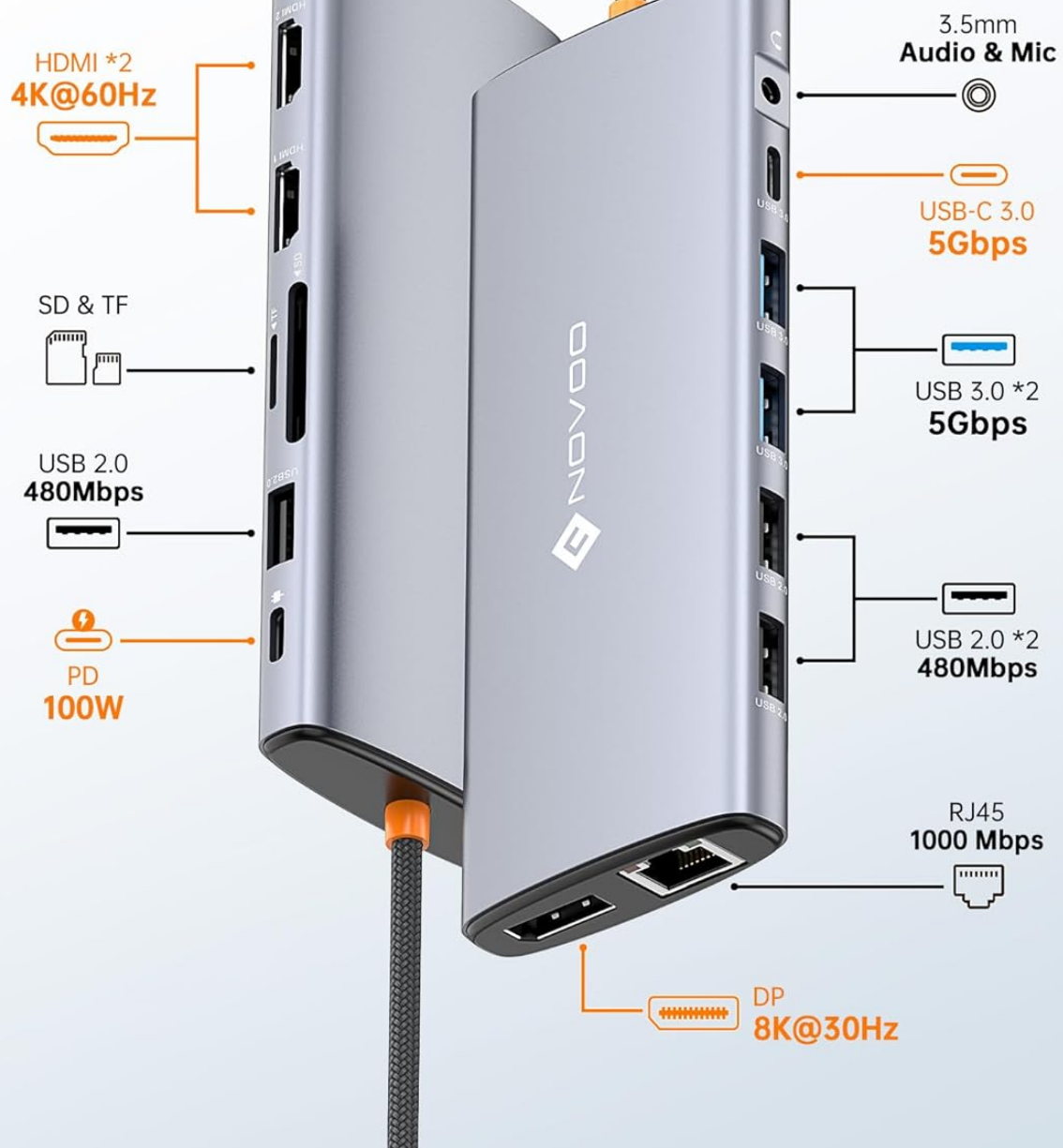


Figure 2.1: Detailed view of the NOVOO 14-in-1 Docking Station with all ports and their specifications.

## 3. SETUP INSTRUCTIONS

Follow these steps to set up your NOVOO 14-in-1 USB C Docking Station:

- 1. Compatibility Check:** Ensure your laptop's USB-C port supports Thunderbolt 3, Thunderbolt 4, or DisplayPort Alt Mode. This is crucial for video output and full functionality.

2. **Connect to Host Device:** Plug the integrated USB-C cable from the docking station into the compatible USB-C port on your laptop, tablet, or smartphone.
3. **Connect Power (Optional but Recommended):** For stable operation and charging your host device, connect a USB-C Power Delivery (PD) charger (65W or higher recommended, not included) to the docking station's PD input port.
4. **Connect Peripherals:**
  - **Displays:** Connect your monitors to the DP and HDMI ports using appropriate cables.
  - **USB Devices:** Plug in your USB flash drives, keyboards, mice, or other USB-A/USB-C peripherals.
  - **Network:** Connect an Ethernet cable to the RJ45 port for a wired network connection.
  - **Audio:** Connect headphones or a microphone to the 3.5mm audio jack.
  - **Memory Cards:** Insert SD or Micro SD cards into the respective slots for data access.
5. **Plug and Play:** The docking station is plug-and-play, requiring no driver or software installation. Your connected devices should be recognized automatically.



## 4. OPERATING INSTRUCTIONS

### 4.1 Display Modes

The docking station supports various display configurations depending on your operating system.

#### Windows OS:

On Windows systems, the docking station supports MST (Multi-Stream Transport) for extended and mirrored displays across multiple monitors.

素晴らしい視覚的な饗宴をお楽しみください

注: 4K@120Hz/8K@30Hzは、DP 1.4 DSCが有効なWindowsノートパソコンにのみ対応しています。



Figure 4.1: Windows display modes, including mirror (A-AAA) and extended (A-BC, A-BCD) configurations for up to three monitors.

### macOS:

macOS supports mirrored displays or a single extended display. MST multi-monitor functionality is not supported.

## Windows

# 複数のディスプレイモード

以下の解像度データはDP 1.4 DSCに適用されます。

**1**  
複製モード  
(AAAA)

DP: Up to 4K@60Hz    HDMI 1: Up to 4K@60Hz    HDMI 2: Up to 4K@30Hz

注: Windowsシステムは、PCの実際の出解像度に基づいてミラーモードを実行します。

**2**  
MSTモード  
(ABC)

DP: 4K@60Hz    HDMI 1/2: 4K@60Hz

**3**  
MSTモード  
(ABCD)

DP: 4K@60Hz    HDMI 1: 4K@60Hz    HDMI 2: 4K@30Hz

Figure 4.2: macOS display modes, illustrating mirror (A-AAAA) and extended (A-BBB) configurations.

## 購入前にお使いのラップトップを確認してください

購入前に、ラップトップのUSB Cポートが**Thunderbolt 3/4またはDisplayPort Alt**モードをサポートしていることを確認してください。  
もし認識できない場合は、正確なラップトップモデルを[service@novoo-online.com](mailto:service@novoo-online.com)までお送りください。

✓ Thunderbolt 3/4 フル機能		✗ データのみ	
✓ データビデオ出力		✗ データのみ	
✓ データ+DisplayPort Alt		✗ 充電のみ	
✓ データ+充電+DisplayPort Alt		✗ データ+充電のみ	

Figure 4.3: Example of a triple monitor setup for enhanced productivity.

## 4.2 Power Delivery

The USB-C PD port allows you to charge your laptop while using the docking station. Connect your laptop's original USB-C power adapter to the PD port on the docking station. The docking station can deliver up to 100W of power to your host device.



**急速充電**



**ギガビットイーサネット**

※PDポート(充電アイコン)はデータ転送には対応していません。

Figure 4.4: Power delivery functionality, showing power input to the dock and output to the laptop.

### 4.3 High-Speed Data Transfer

Utilize the USB 3.0 and USB-C data ports for rapid file transfers, reaching speeds of up to 5Gbps. The USB 2.0 ports are ideal for connecting standard peripherals like keyboards and mice.

# 高速伝送

\*注: 両方のUSB-Cポートはビデオ出力に対応していません。

USB3.0 >>> 5Gbps

USB2.0 >>> 480Mbps



Figure 4.5: High-speed data transfer capabilities of the USB ports.

## 4.4 Gigabit Ethernet and Audio

The RJ45 Gigabit Ethernet port provides a stable and fast wired network connection at 1000Mbps. The 3.5mm audio/microphone combo port allows you to connect headphones or external microphones for clear audio communication.

# ユニバーサルな互換性

## デバイス



MacBook Pro



iPad Pro



iPhone 15 Pro



XPS



NEC



Lenovo



Spectre



ThinkPad X1



ASUS

その他多数

## オペレーティングシステム



Windows



MacOS



Linux



Android



Chrome OS



Figure 4.6: Connectivity for wired network and audio devices.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your NOVOO 14-in-1 USB C Docking Station, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the surface of the docking station. Avoid using liquid cleaners, aerosols, or abrasive materials, as they may damage the device.

- **Storage:** Store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.
- **Cable Management:** Do not bend or crimp the integrated USB-C cable excessively, as this can damage the internal wires.
- **Ventilation:** Ensure the docking station has adequate ventilation to prevent overheating, especially during prolonged use with multiple connected devices.

## 6. TROUBLESHOOTING

If you encounter issues with your docking station, please refer to the following common troubleshooting tips:

- **No Display Output:**
  - Ensure your laptop's USB-C port supports DisplayPort Alt Mode or Thunderbolt.
  - Check that display cables (HDMI/DP) are securely connected to both the docking station and the monitors.
  - Try connecting only one monitor at a time to isolate the issue.
  - Verify monitor input settings are correct (e.g., HDMI 1, DisplayPort).
  - Restart your laptop and reconnect the docking station.
- **No Power Delivery/Charging:**
  - Ensure you are using a USB-C PD charger (65W or higher recommended) connected to the docking station's PD input port.
  - Check if your laptop's USB-C port supports power input.
  - Verify the power adapter and cable are functioning correctly.
- **USB Devices Not Recognized:**
  - Ensure the docking station is properly connected to your host device.
  - Try connecting the USB device to a different port on the docking station.
  - Connect the USB device directly to your laptop to confirm it works independently.
  - For high-power USB devices, ensure sufficient power is supplied to the docking station via the PD port.
- **Ethernet Connection Issues:**
  - Check the Ethernet cable connection to both the docking station and your router/modem.
  - Verify network settings on your computer.
  - Try a different Ethernet cable.
- **Audio Not Working:**
  - Ensure your headphones/speakers are properly plugged into the 3.5mm audio jack.
  - Check your computer's audio output settings to ensure the docking station's audio device is selected.

If these steps do not resolve the issue, please contact NOVOO customer support for further assistance.

## 7. SPECIFICATIONS

Feature	Description
Model Number	NHM14S-632B1
Total USB Ports	7
Compatible Devices	USB flash drives, Laptops, Projectors, Monitors, Desktop PCs, Tablets, Game Consoles, Printers, Mice, Smartphones
Battery Usage	No
Brand Name	NOVOO
Manufacturer	NOVOO
Compatible OS	Windows, macOS, Android, Linux
Other Features	Fast Charging, High-Speed Data Transfer, Lightweight, Plug and Play, Portable, Indicator Light
Size	14in1 2*HDMI+DP
Material	Aluminum
Product Dimensions	13.8 x 5.5 x 1.7 cm
Item Weight	118 grams
Hardware Interface	3.5mm Audio, MicroSD

## 8. WARRANTY AND SUPPORT

NOVOO is committed to providing high-quality products and excellent customer service.

- **Product Warranty:** This product comes with a 2-year product warranty from the date of purchase.
- **Customer Support:** We offer 24/7 year-round customer support. Our expert support team is available to assist you with any questions or issues you may encounter during the use of your docking station.

For support, please refer to the contact information provided with your product packaging or visit the official NOVOO website.