

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Club 3D](#) /

› [Club 3D CSV-1564W100 USB-C Triple Display Docking Station User Manual](#)

## Club 3D CSV-1564W100

# Club 3D CSV-1564W100 USB-C Triple Display Docking Station User Manual

MODEL: CSV-1564W100 | BRAND: CLUB 3D

## 1. Introduction

---

This manual provides comprehensive instructions for the Club 3D CSV-1564W100 USB Gen1 Type-C Triple Display DP1.2 Alt Mode Smart PD3.0 Charging Dock. This versatile docking station is designed to expand the connectivity of your USB-C enabled device, offering triple display support, multiple USB ports, Ethernet, and power delivery.

## 2. Package Contents

---

Verify that all items listed below are included in your package:

- CSV-1564W100 Docking Station
- CAC-1903 Power Supply
- 2 x USB Type-C Cable (1x Connection to Host (27cm / 0.886ft), 1x RED Cable USB type C for charging to PowerSupply 1 m / 3.28 ft)
- Quick Install Guide

## 3. Product Overview

---

The Club 3D CSV-1564W100 docking station integrates various ports to enhance your workstation's capabilities. Below is an overview of the device and its connections.



Figure 1: Main view of the Club 3D CSV-1564W100 Docking Station, showcasing its sleek black design and various ports along the side.

## *Triple Display*



### CSV-1564W100 - Support

- 1 screen: Max VGA 1920x1200 60Hz
- 1 screen: Max DisplayPort™ 4K 30Hz
- 1 screen: Max HDMI™ 4K 30Hz
- 3 screens: Max 1080p 60Hz

Figure 2: Detailed view of the docking station with labels indicating the various ports, including USB Type-C, USB Type-A, power button, LED indicators, card readers, wired network, VGA, HDMI, DisplayPort, and K-Lock slot.

### Key Features:

- **Triple Display Support:** Connect up to three external displays simultaneously via 1x HDMI 4K30Hz, 1x DP 4K30Hz, and 1x VGA 1920x1080@60Hz.
- **Versatile Connectivity:** Features multiple USB Type-A and USB Type-C data ports for connecting various peripherals.

- **Dynamic Power Delivery:** Smart PD3.0 charging with 100 Watt Power Supply, dynamically adjusting power based on device consumption.
- **High-Speed Ethernet:** Integrated Gigabit Ethernet port for stable and fast wired network connections.
- **Compact Design:** Lightweight and integrated solution ideal for frequent travelers.

## 4. Setup Instructions

---

Follow these steps to set up your docking station:

1. **Connect Power:** Plug the provided CAC-1903 Power Supply into the docking station's power input and then into a wall outlet.
2. **Connect to Host Device:** Use the included 27cm USB Type-C cable to connect the docking station to your laptop or compatible host device's USB-C port.
3. **Connect Displays:** Connect your external monitors to the docking station using HDMI, DisplayPort (DP), or VGA cables. Refer to the Operating Instructions for display mode configurations.
4. **Connect Peripherals:** Plug in your USB devices (keyboard, mouse, external drives), Ethernet cable, and audio devices into the respective ports on the docking station.

## 5. Operating Instructions

---

The CSV-1564W100 supports various display configurations and efficient power delivery.

### Display Modes: SST vs. MST

The docking station supports both Single Stream Transport (SST) and Multi-Stream Transport (MST) modes for display output. The resolution and number of supported displays vary based on the mode and ports used.

<b>Under SST Mode*</b>			
	<b>VGA</b>	<b>HDMI</b>	<b>DP</b>
<b>Single Port Connected</b>	1080p/60Hz	NC	NC
	NC	4K/30Hz	NC
	NC	NC	4K/30Hz
<b>Dual Ports Connected</b>	1080P/60Hz	1080P/60Hz	NC
	1080P/60Hz	NC	1080P/60Hz
	NC	4K/30Hz	4K/30Hz
<b>Triple Ports Connected</b>	1080p/60Hz	1080p/60Hz	1080p/60Hz
<b>Under MST Mode*</b>			
	<b>VGA</b>	<b>HDMI</b>	<b>DP</b>
<b>Single Port Connected</b>	1080p/60Hz	NC	NC
	NC	4K/30Hz	NC
	NC	NC	4K/30Hz
<b>Dual Ports Connected</b>	1080P/60Hz	1080P/60Hz	NC
	1080P/60Hz	NC	1080P/60Hz
	NC	1080P/60Hz	1080P/60Hz
<b>Triple Ports Connected</b>	720p/60Hz	720p/60Hz	720p/60Hz

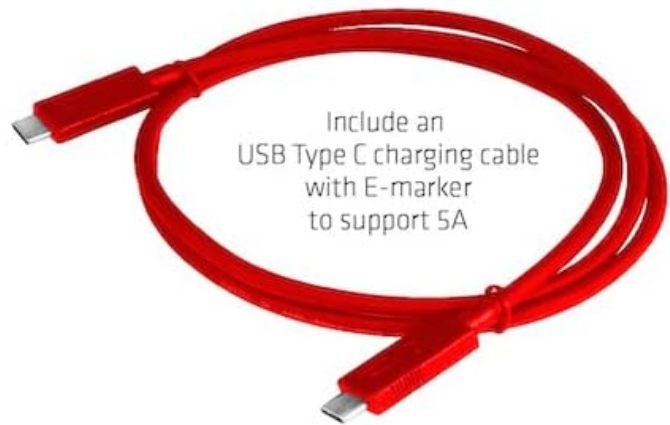
**Note:** 4K mentioned above stands for 4096\*2160, 3840\*2160; 1080P stands for 1920\*1080; 720P stands for 1280\*720  
Support HDMI max 4K/30Hz • Support VGA max 1920x1200/60Hz • Support DP max 4K/30Hz

- The resolution may degrade to lower version when 2 or 3 videos are **connected** due to bandwidth limitation
- Support three videos to display simultaneously with the same picture under **SST mode**
- Support three different videos to display simultaneously under **MST mode**

\* Apple supports only SST mode • **Important note for Apple M1-chip based computers:** Please note that for Mac Systems based on M1 Architecture the Multi Display function of Thunderbolt 3 is not enabled. This product will not work with the M1 Architecture.

Figure 3: Table illustrating supported resolutions and configurations for single, dual, and triple port connections under SST and MST modes. Note: 4K stands for 4096x2160/3840x2160, 1080p for 1920x1080, and 720p for 1280x720.

- **SST Mode:** Supports up to three different videos simultaneously with the same picture.
- **MST Mode:** Supports up to three different videos to display simultaneously.
- **Apple Mac Systems:** Based on M1 Architecture, only SST mode is supported. The Multi Display function of Thunderbolt 3 is not enabled, and this product will not work with M1 Architecture for multi-stream displays.



## Charging

It will charge your device a total of **100Watts** with this single power connector to the USB C up to 100Watts. Just connect red to red.

Figure 4: Visual representation of a triple display setup, showing a laptop connected to three external monitors, each displaying different content.

### Power Delivery:

The docking station features Dynamic Current Detection and Power Distribution. It can intelligently manage power consumption, ensuring your PC receives optimal charging while connected.

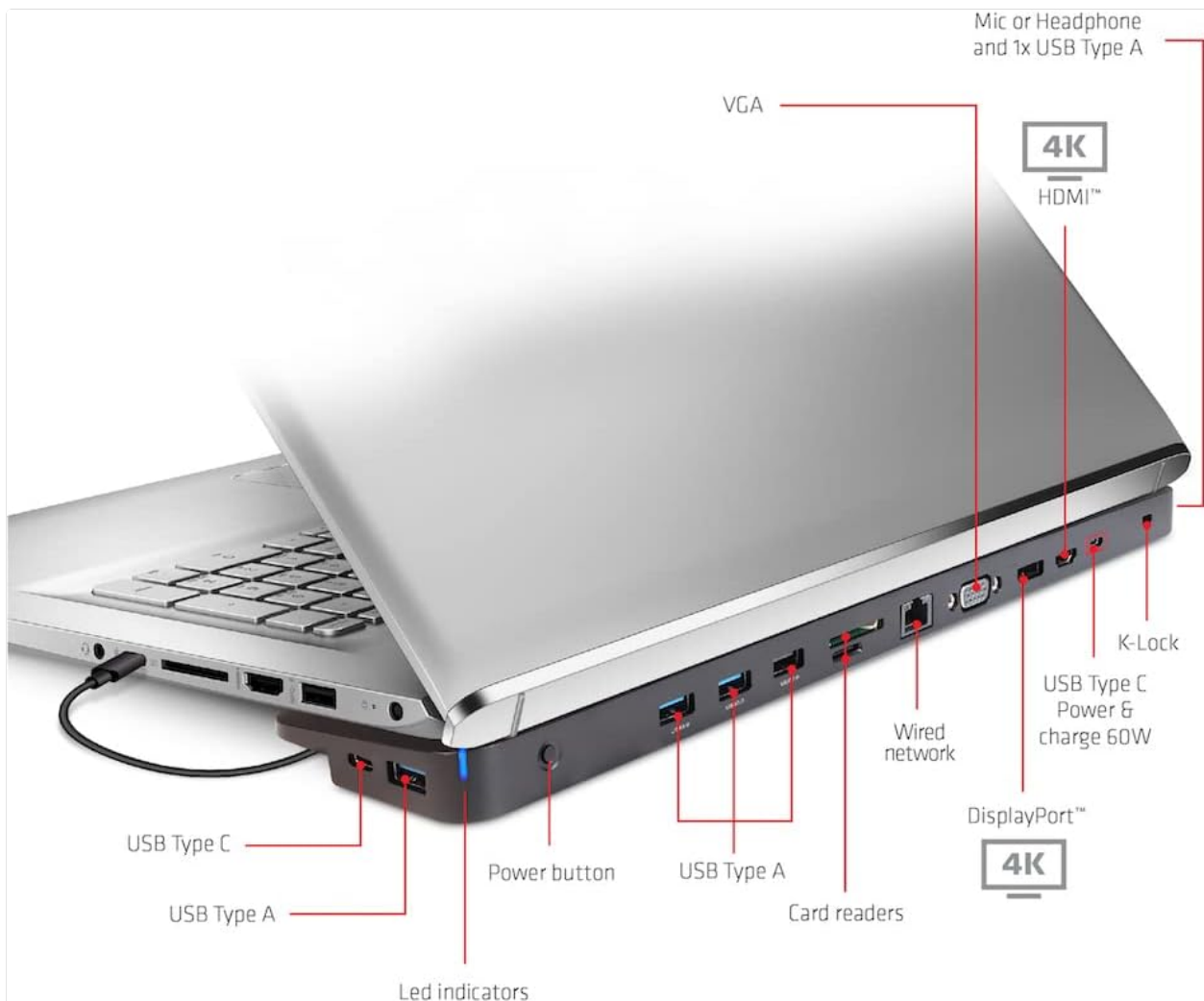


Figure 5: The included 100W PD Power Charger and a red USB Type-C charging cable with E-marker support for 5A, indicating the device's charging capabilities.

## 6. Maintenance

To ensure the longevity and optimal performance of your Club 3D CSV-1564W100 docking station, follow these maintenance guidelines:

- Keep the device clean by wiping it with a soft, dry cloth. Avoid liquid cleaners.
- Ensure proper ventilation around the docking station to prevent overheating.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Handle cables and connectors gently to prevent damage.

## 7. Troubleshooting

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

- **No Display Output:**
  - Ensure all display cables (HDMI, DP, VGA) are securely connected to both the docking station and the monitors.
  - Verify that the docking station is properly connected to your host device via the USB-C cable.
  - Check your host device's display settings to ensure external monitors are detected and configured correctly (e.g., extended or mirror mode).
  - For Mac systems, remember that only SST mode is supported, limiting multi-stream display

functionality.

- **No Power Delivery/Charging:**

- Confirm the power supply is securely connected to the docking station and a working power outlet.
- Ensure the USB Type-C cable connecting the dock to your host device supports power delivery. Use the provided red USB-C cable for charging.

- **USB Devices Not Recognized:**

- Try connecting the USB device to a different port on the docking station.
- Ensure the device drivers are installed on your host system.

- **Ethernet Connectivity Issues:**

- Check the Ethernet cable connection between the dock and your network router/modem.
- Verify network settings on your host device.

## 8. Specifications

Feature	Specification
Brand	Club 3D
Model Number	CSV-1564W100
Item Weight	1.56 pounds
Product Dimensions	14.25 x 4.25 x 3 inches
Power Source	Corded Electric
Voltage	20 Volts
Hardware Interface	DisplayPort, Multimedia Card, Secure Digital Card, TransFlash, USB 2.0, USB 3.0, USB Docking Station
Compatible Devices	Notebook/Desktop PC/Smartphone
Total USB Ports	5
Total HDMI Ports	1
Wattage	1564 watts (Note: This appears to be a misprint in the source data, likely referring to power delivery capabilities or a different metric. The product title specifies 100 Watt Power Supply.)
UPC	841615101849

## 9. Warranty and Support

For warranty information and technical support, please refer to the official Club 3D website or contact their customer service directly. Keep your purchase receipt for warranty claims.