

M.2 NVMe® USB-C® Gen 2 Docking Station

Perfect for Dual-Monitor Setup with MacBook Pro® and MacBook Air®

MODEL: JCD552



Increase your productivity with the M.2 NVMe® USB-C® Gen 2 Docking Station, by transforming your Thunderbolt™ 3 or USB-C® compatible laptop into a dual 4K workstation with up to 10 Gbps. This high-performance dock features a M.2 NVMe®/SATA PCIe® SSD Slot to expand your internal storage space, three SuperSpeed USB™ 10 Gbps ports (one USB-C® and two USB™ Type-A), a Gigabit Ethernet port, SD™ & microSD™ memory card reader/writer, and a USB™ Type-A 5 Gbps port.

This USB-C® Gen 2 docking station supports 100W Power Delivery pass-through to power and charge your laptop, while powering all connected devices. With the built-in PCIe® M.2 SSD enclosure and extra storage you can access through an SD™ and microSD™ card, this is a must-have for creative professionals using a Mac®.

FEATURES

- **DUAL 4K 60 HZ DISPLAYS***

Supports extended dual 4K displays (HDMI™ & DisplayPort™) on Intel® MacBook Pro® and MacBook Air®

Supports single display via HDMI™ on other USB-C® compatible laptops connected via one USB-C® port

- **HIGH-PERFORMANCE STORAGE**

Built-in M.2 NVMe®/SATA PCIe® SSD Slot (Supports M.2 NVMe® or SATA M+B key 2230/2242/2260/2280) to expand storage space, convenient SD™ & microSD™ access, and one USB-C® 10 Gbps port to connect an external hard drive

- **HIGH-SPEED PERFORMANCE**

Provides three SuperSpeed USB™ 10 Gbps ports (1 USB-C® and 2 USB™ Type-A) to connect peripherals

- **100W POWER DELIVERY PASS-THROUGH**

Charge your laptop and power connected peripherals when used with a USB-C® power adapter

- **DETACHABLE MAGNETIC CONNECTORS**

The flexible design gives you the ability to connect to a variety of compatible devices

- **ANTI-THEFT PROTECTION**

Security slot to prevent equipment theft in a wide range of business or institutional environments

SYSTEM REQUIREMENTS

- Available USB-C® port(s) that supports DisplayPort™ Alt Mode and USB™ Power Delivery 2.0 or 3.0

*Please refer to the manufacturer of your computer for more information about your device

HARDWARE

Warranty	2 Year Limited
Host Connector	2 - USB-C® Male
Video Output	1 - HDMI™ Female 1 - DisplayPort™ Female
Power Source	Bus-powered
Network Interface	RJ45 (Gigabit Ethernet)
Audio Supported	Yes
Ports	1 - M.2 NVMe®/SATA slot 1 - USB-C® 3.2 Gen 2 1 - USB-C® Power Delivery 3.0 2 - USB™ Type-A 3.2 Gen 2 1 - USB™ Type-A 3.2 Gen 1 1 - 4K HDMI™ 1 - 4K DisplayPort™ 1 - SD™ & microSD™ 3.0 memory card reader/writer 1 - RJ45 Gigabit Ethernet 1 - Security Lock Slot

PERFORMANCE

Maximum Display Resolution	3840 x 2160
Maximum Display Refresh Rate	60 Hz
Maximum Data Transfer Rate	10 Gbps M.2 slot - Write: 900 MB/s, Read: 925 MB/s
Maximum Displays Supported	2
Compatible Networks	10/100/1000 Mbps
Audio Channel	2.1 via HDMI™/DisplayPort™

POWER

Power Delivery	Up to 100W via USB-C®
Power Consumption	≤ 600 mA
Input Current	5A
Input Voltage	20V
Output Current	5A
Output Voltage	20V

PHYSICAL SPECIFICATIONS

Color	Grey & Black
Enclosure Type	Aluminum
Cable Length	0.6 in. (15 cm)
Product Height	1.02 in. (26 mm)
Product Width	3.14 in. (80 mm)
Product Depth	12.5 in. (318 mm)
Product Weight	0.83 lb (378g)
Storage Temperature	14 to 149°F (-10 to 65°C)
Storage Humidity	< 85% non-condensing
Operating Temperature	32 to 118°F (0 to 48°C)
Operating Humidity	< 85% non-condensing

SPECIAL NOTES

- To ensure optimal capability and compatibility for laptops with a single USB-C® port, the 2nd USB-C® host cable must be connected to the 10 Gbps USB-C® Gen 2 port on the docking station.
- A 4K-capable display is required for obtaining the 3840 x 2160 resolution
- If connected to a USB™ 3.0 (5 Gbps)/USB™ 2.0 port or if using a USB™ 3.0 (5 Gbps)/USB™ 2.0, performance may be limited.
- The dock can connect to a USB-C® port that doesn't support Power Delivery, but it will not pass power through the connected device
- M1 MacBook Pro® and MacBook Air® only support up to 1 external display. This single display limitation does not affect Intel® Mac®
- Two USB-C® connections provide higher M.2 transfer speeds compared to a single USB-C® connection
- We advise no more than one (1) bus-powered/portable external hard disk drive to be connected to the USB™ hub at a time. If you are using a high-powered USB™ device, attach a USB-C™ power adapter to the power delivery port for optimal performance

PACKAGE CONTENTS

- 1 – JCD552 M.2 NVMe® USB-C® Gen 2 Docking Station
- 1 - Quick Installation Guide (QIG)

*Product appearance and specifications are subject to change without notice.

REGULATORY COMPLIANCE

FCC

This equipment has been tested and found to comply with FCC Part 15, Subpart B, ANSI C63.4-2014, January 2016 (Updated April 2019).

Operation is subject to the following two conditions:

- This device may not cause harmful interference
- This device must accept any interference, including interference that may cause undesired operation of the device.

CE / UKCA

This equipment is in compliance with the requirements of the following regulations: EN 55032:2015/A1:2020 Class B, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55035:2020

RCM

This equipment is in compliance with the requirements of the following regulations:

Australian/New Zealand Standard(s): AS/NZS CISPR 32:2015 Class B

VCCI

This equipment is in compliance with the requirements of the following regulations:

CISPR 32 © IEC: 2016 Class B

BSMI

檢驗標準：CNS 13438 (95 年完整版) 乙類

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- (i) a copy of the original purchase invoice to verify your warranty
- (ii) a product serial number
- (iii) a description of the problem
- (iv) customer's name, address, and telephone number

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