

USB4® 8K Multi-Port Hub

Features a USB4® Controller

MODEL: JCD403



This high-performance USB4® multi-port hub incorporates the latest USB4® controller offering compatibility with Thunderbolt™ 4 and older USB™ specifications.

With up to 40Gbps of throughput, dynamic data, and display bandwidth allocation for efficient display data flow, you can easily create a high-definition monitor setup. Enjoy up to 8K resolution and access data faster without affecting system performance. Additionally, it has three USB™ SuperSpeed+ 10Gbps ports (1 USB-C® and 2 Type-A) for charging or connecting peripherals. It is also equipped a USB-C® Power Delivery port to charge your laptop and power your connected devices with up to 100W of pass-through power.

FEATURES

- Supports resolutions up to 8K
- Compatible with Thunderbolt™ 4, Thunderbolt™ 3 or other USB-C® host laptops
 - *Thunderbolt™ 4, USB4® is required to achieve 8K resolutions.
 - *Also supports other USB™ 3.2 host laptops and lower resolution monitors/displays
- One 2.5 Gigabit Ethernet port for a high-speed multi-gig network connection
- Two SuperSpeed+ USB™ Type-A 10Gbps port to accommodate your legacy peripheral
- One USB-C® downstream port supports up to 10Gbps data transmission
- Power Delivery 3.0 offers up to 100W of pass-through charging
- Multiple data and display protocols efficiently share bandwidth to offer optimal performance
- Wide compatibility with various operating systems and devices
- Plug-and-play, no driver installation required

SYSTEM REQUIREMENTS

- Available Thunderbolt™ 4, Thunderbolt™ 3, USB4®, and USB-C® host laptops
- GPU and video source:
 - DisplayPort™ 1.4 alt mode with DSC supports 8K 60 Hz or 4K 144Hz
 - DisplayPort™ 1.4 alt mode without DSC supports 8K 30 Hz or 4K 120 Hz

* DSC = VESA® Display Stream Compression (DSC) Standard. Only available on NVIDIA® GeForce® RTX 20 Series and AMD™ Radeon™ RX 6000 Series GPUs or above

* Recommended Graphics Cards: Intel® HD Graphics 620, Intel® HD Graphics 520 or above

* Notes: Macs supports up to 4K 60Hz on an 8K HDMI™ display

HARDWARE

Warranty	2 Year Limited
Host Connector	1 - USB4® Male
Video Output	1 - HDMI™ Female
Power Source	Bus-powered or self-powered
Network Interface	Yes
Audio Supported	Yes
Ports	1- USB-C® 3.2 Gen2 10Gbps data transmission 1- USB-C® power delivery 3.0 100W 2- USB™ Type-A 3.2 Gen2 10Gbps data transmission 1- 8K HDMI™ 1- RJ45 2.5 Gigabit Ethernet

PERFORMANCE

Maximum Display Resolution	7680 x 4320
Maximum Display Refresh Rate	60 Hz @ 3840 x 2160 144 Hz @ 3840 x 2160 (* Only for DSC host) 30 Hz @ 7680 x 4320 60 Hz @ 7680 x 4320 (* Only for DSC host)
Maximum Data Transfer Rate	10Gbps
Displays Supported	HDMI™
Compatible Networks	10M/100M/1000M/2.5 Gigabit
Audio Channel	1 - 2.1 via HDMI™

POWER

Power Delivery	Up to 100W via USB-C®
Power Consumption	≤ 900 mA
Input Current	Up to 5A
Input Voltage	Up to 20V
Output Current	Up to 4.75A
Output Voltage	Up to 20V

PHYSICAL SPECIFICATIONS

Color	Space Grey
Enclosure Type	Aluminum
Cable Length	7.87 in. (200 mm)
Product Height	5.3 in. (135 mm)
Product Width	2 in. (51 mm)
Product Depth	0.59 in. (15 mm)
Product Weight	3.84 oz (109 g)
Storage Temperature	0 to 155°F (-17 to 68°C)
Storage Humidity	< 85% non-condensing
Operating Temperature	30 to 116°F (-1 to 41°C)
Operating Humidity	< 85% non-condensing

SPECIAL NOTE

- DisplayPort™ 1.4 is required on graphics card and video source to achieve 8K @ 30
- DisplayPort™ 1.4 and Display Stream Compression (DSC) is required on graphics card and video source to achieve 8K @ 60
- A 4K-capable display and cable is required for obtaining the 3840 x 2160 resolution
- If connected to a USB™ 2.0 host port, or if using a USB™ 2.0 host cable, performance may be limited
- The adapter can connect to a USB-C® port that doesn't support Power Delivery, but it will not pass power through the connected device
- If you are using high-powered USB™ devices, attach a USB-C® power adapter to the power delivery port to ensure maximum performance. To avoid disruption, do not remove the power adapter while copying files.
- We advise no more than one (1) bus-powered/portable external hard disk drive to be connected to the adapter at a time

PACKAGE CONTENTS

- 1 - JCD403 USB4® 8K Multi-Port Hub
- 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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