

# **USB4® Dual 4K Multi-Port Hub**

Featuring Intel® USB4® Controller

**MODEL: JCD401** 



This high-performance USB4<sup>®</sup> multi-port hub is the first USB-C<sup>®</sup> hub to incorporate the latest USB4<sup>®</sup> controller from Intel<sup>®</sup>, offering compatibility with Thunderbolt<sup>™</sup> and older USB<sup>™</sup> specifications.

With up to 20Gbps of throughput, dynamic data, and display bandwidth allocation for efficient display data flow, you can easily create a dual-monitor setup. Enjoy up to 4K resolution using DisplayPort<sup>™</sup>, HDMI<sup>™</sup>, or USB-C<sup>®</sup> and access data faster without affecting system performance. Additionally, it has two USB<sup>™</sup> SuperSpeed+ 10Gbps ports (1 USB-C<sup>®</sup> and 1 Type-A) for charging or connecting peripherals. It is also equipped with a USB-C<sup>®</sup> Power Delivery port to charge your laptop and power your connected devices with up to 85W pass-through power.

#### **FEATURES**

- Intel<sup>®</sup> USB4<sup>®</sup> controller ensures industry-leading quality and reliability
- Up to two 4K displays with flexible monitor connections
  - 0 1 DisplayPort<sup>™</sup> + 1 HDMI<sup>™</sup>
  - o 1 USB-C<sup>®</sup> + 1 DisplayPort™
  - o 1 USB-C<sup>®</sup> + 1 HDMI™
- Multiple data and display protocols efficiently share bandwidth to offer optimal performance
- One USB-C<sup>®</sup> downstream port supports up to 10Gbps data transmission in addition to its DisplayPort<sup>™</sup> 1.4 support for 4K @ 60 Hz video output
- One SuperSpeed+ USB™ Type-A 10Gbps port to accommodate your legacy peripheral
- Power Delivery 3.0 offers up to 85W of pass-through charging with a USB-C® power adapter
- Wide compatibility with various operating systems and devices
- Plug-and-play, no driver installation required

## SYSTEM REQUIREMENTS

• Available USB-C<sup>®</sup> port that supports Thunderbolt<sup>™</sup> 4, Thunderbolt<sup>™</sup> 3, or USB4<sup>®</sup>.

HARDWARE	
Warranty	2 Year Limited
Host Connector	1 - USB4 <sup>®</sup> Male
Video Output	1 - HDMI™ Female 1 - DisplayPort™ Female 1 - USB-C® with DisplayPort™ alt mode
Power Source	Bus-powered or self-powered
Network Interface	No
Audio Supported	No
Ports	<ol> <li>1 - USB-C<sup>®</sup> 3.2 Gen 2 (10Gbps) with DP<sup>™</sup> 1.4 Support</li> <li>1 - USB<sup>™</sup> Type-A 3.2 Gen 2 (10Gbps)</li> <li>1 - USB-C<sup>®</sup> Power Delivery 3.0</li> <li>1 - 4K HDMI<sup>™</sup></li> <li>1 - DisplayPort<sup>™</sup> 1.4</li> </ol>

## PERFORMANCE

Maximum Display Resolution	3840 x 2160
Maximum Display Refresh Rate	60 Hz
Maximum Data Transfer Rate	10Gbps
Displays Supported	2
Compatible Networks	N/A
Audio Channel	N/A

## POWER

Up to 85W via USB-C®
≤ 900 mA
Up to 3A
Up to 20V
Up to 4.25A
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 NOTES**

- A 4K-capable display and cable is required for obtaining the 3840 x 2160 resolution
- If connected to a USB<sup>™</sup> 2.0 host port, or if using a USB<sup>™</sup> 2.0 host cable, performance may be limited
- The adapter can connect to a USB-C<sup>®</sup> port that doesn't support Power Delivery, but it will not pass power through the connected device
- If you are using high-powered USB<sup>™</sup> devices, attach a USB-C<sup>®</sup> 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
- Mac<sup>®</sup> computers with the M1 and M2 chip only support 1 external display.
- Mac<sup>®</sup> computers with the M1 Pro, M1 Max, or M1 Ultra chip will support 2 external displays.
- If your dual monitors does not display properly, please manually set the resolution to a maximum of 4K30 to ensure dual 4K display output.

## PACKAGE CONTENTS

- 1 JCD401 USB4® Dual 4K 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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