

4K60^{ELITE} USB-C[®] Triple-Monitor 10Gbps Mini Dock

Compatible with USB4[®] devices

Dual or Triple 4K display support with DP™ alt mode and Multi-Stream Transport (MST)

MODEL: JCD397



Equipped with an advanced USB-C[®] E-Mark chip, this multi-monitor mini dock is compatible with USB4[®] hosts and devices, featuring everything you need, from triple video outputs to 10Gbps USB™ ports, as well as 100W Power Delivery pass-through charging.

This USB-C[®] mini dock supports DisplayPort™ 1.4 and Multi-Stream Transport (MST), giving you the ability to create a dual or triple 4K workstation with two HDMI™ and a DisplayPort™ output. It provides three USB™ SuperSpeed 10 Gbps ports (2 USB-C[®] and 1 USB™ Type-A) for peripheral connectivity or downstream charging, an SD™ & microSD™ 4.0 memory card reader/writer to manage your media files, and a Gigabit Ethernet port to access a wired network. It also supports Power Delivery 3.0, providing up to 100W pass-through charging to power the connected peripherals and charge your host laptop with a USB-C[®] power adapter.

FEATURES

- Advanced USB-C® E-Mark chip integrates USB4®, Thunderbolt™ 3 and Thunderbolt™ 4 compatibility
- Backward compatible with USB™ 3.1/3.2
- Three SuperSpeed USB™ 10Gbps downstream ports (1 USB-C® and 2 Type-A) to connect peripherals
- Charge and power connected laptop and peripherals with 100W Power Delivery
- SD™ & microSD™ 4.0 memory card reader/writer for media storage and transfer
- Easily add a wired network connectivity with the Gigabit Ethernet port
- Plug-and-play, no driver installation required
- Extending one display up to 3840 x 2160 @ 60, easily switch to a higher refresh rate of 2560 x 1440 @ 144 via HDMI™ or 1920 x 1080 @ 240 via DP™ port to enjoy your gaming under Windows® OS.
- Supports dual 4K 60 Hz or triple 4K 30 Hz (2 HDMI™ and 1 DisplayPort™) on compatible USB-C® laptops with DisplayPort™ 1.4 alt mode with MST support*

Windows® (MST)	Host(A) +B	Host(A)+B+C	Host(A)+B+C+D
2-Lane HBR2 (DP 1.2)	3840 x 2160 @ 30	1920 x 1080 @ 60 + 1920 x 1080 @ 60	1920 x 1080 @ 60 + 1920 x 1080 @ 60 + Cannot display (DP™ or HDMI™)
2-Lane HBR3 (DP1.4)	3840 x 2160 @ 60 2560 x 1440 @ 144 or 1920 x 1080 @ 240	3840 x 2160 @ 60 + 3840 x 2160 @ 30	3840 x 2160 @ 30 + 3840 x 2160 @ 30 + 3840 x 2160 @ 30
		3840 x 2160 @ 60 + 3840 x 2160 @ 60 *Only for DSC host	
macOS®	Host(A) +B	Host(A) +B+B	Host(A) +B+B+B
2-Lane HBR2 (DP 1.2)	3840 x 2160 @ 30	3840 x 2160 @ 30 x 2	3840 x 2160 @ 30 x 3
2-Lane HBR3 (DP1.4)	3840 x 2160 @ 60	3840 x 2160 @ 60 x 2	3840 x 2160 @ 60 x 3

* The MST protocol is not currently supported by macOS® or Chrome OS™.
 * macOS® only supports SST, which means all connected monitors will show the same content.
 * 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

SYSTEM REQUIREMENTS

- Available USB-C® port that supports DisplayPort™ alternate mode and USB™ Power Delivery 2.0 or 3.0
Please refer to the manufacturer of your computer for more information about your device
- The host device must support Multi-Stream Transport (MST) and DisplayPort™ 1.4 to achieve triple-monitor configuration
- The host device must support DisplayPort™ 1.4 to achieve 4K resolution at 60 Hz, main DisplayPort™ 1.4 devices are listed as follows:
 - MacBook Air® 13" 2019 or later
 - MacBook Pro® 15" 2017 or later
 - MacBook Pro® 16"
 - iPad Pro® 11"/12" 2018 or later
 - Surface™ Pro 7
 - Surface™ laptop 3

HARDWARE

Warranty	2 Year Limited
Host Connector	1 - USB-C® Male
Video Output	2 - HDMI™ Female 1 - DisplayPort™ Female
Power Source	Bus-powered or self-powered
Network Interface	RJ45 (Gigabit Ethernet)
Audio Supported	Yes
Ports	1 - USB-C® 10Gbps 1 - USB-C® 5Gbps with Power Delivery 3.0 2 - USB™ Type-A 10Gbps 1 - USB-C® Power Delivery 3.0 2 - 4K HDMI™ 1 - DisplayPort™ 1 - SD™ & microSD™ 4.0 memory card reader/writer 1 - RJ45 Gigabit Ethernet

PERFORMANCE

Maximum Display Resolution	3840 x 2160
Maximum Display Refresh Rate	Windows® (MST) - 3840 x 2160 @ 60 - 2560 x 1440 @ 144 via HDMI™ - 1920 x 1080 @ 240 via DP™
Maximum Data Transfer Rate	10Gbps
Displays Supported	3
Compatible Networks	10/100/1000 Mbps
Audio Channel	2.1 via HDMI™

POWER

Power Delivery	Up to 100W via USB-C®
Power Consumption	≤ 650 mA
Input Current	Up to 5A
Input Voltage	Up to 20V
Output Current	Up to 4.25A
Output Voltage	Up to 20V

PHYSICAL SPECIFICATIONS

Color	Space Grey
Enclosure Type	Aluminum
Cable Length	7.87 in. (20 cm)
Product Height	5.8 in. (148 mm)
Product Width	2.17 in. (55 mm)
Product Depth	0.67 in. (17 mm)
Product Weight	4.36 oz (123.5g)
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 host laptop without MST support can only connect to one additional monitor
- The MST protocol is not currently supported by macOS® or Chrome OS™. The display output is limited to mirrored mode when connected.
- A 4K-capable display 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
- If connected to a DisplayPort™ 1.2 device, performance will be limited to 3840 x 2160 @ 30 Hz (Windows®)
- The mini dock 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 - JCD397 4K60 Elite USB-C® Triple-Monitor 10Gbps Mini Dock
- 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, ICES-003 Issue 6, 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

This equipment is in compliance with the requirements of the following regulations: EN 55032:2015+AC:2016 Class B, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55035:2017

RCM

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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- (iii) a description of the problem
- (iv) customer's name, address, and telephone number

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