

## USB-C™ Triple Display Docking Station

DisplayPort™ Alt Mode / USB™ Power Delivery Compatible

**MODEL: JCD543**



This triple display docking station turns your Mac® or Windows® laptop into a full workstation with a DisplayPort™ output, two HDMI™ outputs, and a VGA output, with resolution support up to 4K (3840 x 2160) on two displays and 1080p on the other one. You can also use your laptop screen for four displays in total, making it easy to access multiple applications at once. With 100W Power Delivery, three USB™ 3.0 ports, and a USB-C™ port, this docking station is perfect for your MacBook®, Dell® XPS™, or other USB-C™ laptop requiring additional ports.

This USB™ 3.0 docking station is also equipped with a RJ45 Gigabit Ethernet port, memory card reader/writer, and combo audio jack for maximum productivity. The elevated design assists with heat dissipation and, with its double-sided cable storage compartment, ensures an easy connection regardless of your USB-C™ port's location.

All 13 ports are combined into one slim docking station, so you'll have all the connections you need to stay productive!

## FEATURES

- **TRIPLE DISPLAY FLEXIBILITY & ADAPTABILITY**

Create a triple-monitor setup with 4K HDMI™, 1080p VGA, and 4K DisplayPort™ outputs and together with your laptop display, you can have a maximum of 4 displays. Available display combinations:

- HDMI™ + VGA + DisplayPort™
- HDMI™ + VGA + HDMI™

- **USB-C™ 100W POWER DELIVERY**

With the attached USB-C™ cable, the dock will power and charge power-hungry laptops, with up to 100W Power Delivery and power your connected peripherals when it's used with a USB-C™ power adapter.

- **MULTIPLE CONNECTIONS**

To support all of your USB™ peripherals, the dock provides a total of four USB™ 3.0 ports (1 USB-C™ and 3 USB™ Type-A ports), a Gigabit Ethernet port, SD™/microSD™ card slots and a combo audio jack.

- **BC 1.2 FAST CHARGING**

One of the USB™ 3.0 Type-A ports is a fast-charge port, so you can charge your mobile devices faster than you can from a standard USB™ port.

- **CUTTING-EDGE DESIGN**

Advanced heat-eliminating design is the perfect solution to expand your laptop into a full-sized workstation without the worry of overheating and with the double-sided cable storage compartment, you can place the cable any way you like.

## SYSTEM REQUIREMENTS

- Microsoft® Windows® 10  
macOS® 10.11 or later
- Intel® HD Graphics 505 / AMD Radeon™ R5
- Available USB-C™ port that supports DisplayPort™ Alt Mode and USB™ Power Delivery 2.0 or 3.0  
Please refer to the manufacturer of your hardware for more information on your device
- Extended Monitor System Requirements: (Higher processor recommended for multiple displays)
  - One 2K (2048 x 1152 @ 60 Hz) full-screen video playback  
CPU: Intel® Core™ i5 Quad Core  
RAM: 4 GB memory or higher
  - Two 2K (2048 x 1152 @ 60 Hz) full-screen video playback  
CPU: Intel® Core™ i7 Quad Core  
RAM: 8 GB memory or higher

**HARDWARE SPECIFICATIONS**

Warranty	2 Year Limited
Host Connector	USB-C™ Male
Video Output	2 - HDMI™ Female 1 - DisplayPort™ Female 1 - VGA Female
Power Source	Bus-powered or Self-powered
Network Interface	RJ45 (Gigabit Ethernet)
Audio Supported	Yes
USB-C™ Pass-Through	Yes
Ports	2 - USB™ 3.0 Type-A 1 - USB™ 3.0 Type-A fast charge 1 - USB-C™ 3.1 Gen 1 1 - USB-C™ Power Delivery 3.0 2 - 4K HDMI™ 1 - DisplayPort™ 1 - VGA 1 - SD™ & microSD™ memory card reader/writer 1 - RJ45 Gigabit Ethernet 1 - 3.5 mm combo audio jack

**PERFORMANCE**

Maximum Display Resolution	HDMI™/DisplayPort™: 3840 x 2160 VGA: 1920 x 1080
Maximum Display Refresh Rate	HDMI™/DisplayPort™ 4K: 30 Hz HDMI™/DisplayPort™ 1080p: 60 Hz VGA: 60 Hz
Maximum Data Transfer Rate	5 Gbps
Displays Supported	3 (HDMI™, VGA and DisplayPort™ or HDMI™)
Compatible Networks	10/100/1000 Mbps
Audio Channel	2.1 via HDMI™/DisplayPort™/3.5 mm Aux

**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	Silver, Black
Enclosure Type	Aluminum
Cable Length	1.48 ft (45 cm)
Product Height	0.92 in. (23.37 mm)
Product Width	3.25 in. (82.5 mm)
Product Depth	13.78 in. (350 mm)
Product Weight	10.58 oz (300g)
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

- 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
- 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
- If you are using a high-powered USB™ device, attach a USB-C™ power adapter to the power delivery port for optimal performance
- To ensure files copy completely, do not remove the USB-C™ power adapter while copying files. For maximum performance, use a computer and USB-C™ power adapter equipped with PD 3.0
- We recommend, at most, one (1) bus-powered/portable external hard disk drive to be connected to the USB™ hub at a time

## PACKAGE CONTENTS

- 1 - JCD543 USB-C™ Triple Display Docking Station
- 1 - Quick Installation Guide

\*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 § 15.109/15.107 Class B.

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 55022 Class B (2006), EN 55024 (1998+A1: 2001+ A2:2003),  
(IEC /EN 61000-4-2 (1995+A1:1998+A2:2001)/-3(2006)

### RCM

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

Australian/New Zealand Standard AS/NZS C ISPR 22:2009/A1:2010 Class B

### Disclaimer

Information in this document is subject to change without notice. The manufacturer does not make any representations or warranties (implied or otherwise) regarding the accuracy and completeness of this document and shall in no event be liable for any loss of profit or any commercial damage, including but not limited to special, incidental, consequential, or other damage. No part of this document may be reproduced or transmitted in any form by any means, electronic or mechanical, including photocopying, recording or information recording and retrieval systems without the expressed written permission of the manufacturer.

## LIMITED WARRANTY

j5create offers a limited 2-year warranty. User's wear & tear damage is not included. The user shall call or email j5create customer service with the defect information of the product and obtain a return authorization number. Users are responsible for one-way return freight cost and we will take care of one-way freight back. In order to obtain a return authorization number, users should have the following information handy when calling or emailing the service team:

(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

j5create does not warrant that the operation of the product will be uninterrupted or error-free. j5create is not responsible for damage arising from failure to follow instructions relating to the product's use. This warranty does not apply to: (a) consumable parts, unless damage has occurred due to a defect in materials or workmanship; (b) cosmetic damage, including but not limited to scratches, dents, and broken plastic on ports; (c) damage caused by use with non-j5create products; (d) damage caused by natural disasters; (e) damage caused by human misuse (lost, accident, abuse, misuse or other external causes); (f) damage caused by operating the product outside the permitted or intended uses described by j5create; (g) damage caused by service (including upgrades and expansions) performed by anyone who is not a representative of j5create or a j5create Authorized Service Provider; (h) a product or part that has been modified to alter functionality or capability without the written permission of j5create; or (i) if any j5create serial number on the product has been removed or defaced. If such a situation occurs, j5create will calculate the cost of materials and repair for your reference. This warranty is given by j5create in lieu of any other warranties expressed or implied.

### LIMITATION OF WARRANTY

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE (OR BY COUNTRY OR PROVINCE). OTHER THAN AS PERMITTED BY LAW, J5CREATE DOES NOT EXCLUDE, LIMIT OR SUSPEND OTHER RIGHTS YOU MAY HAVE, INCLUDING THOSE THAT MAY ARISE FROM THE NONCONFORMITY OF A SALES CONTRACT. FOR A FULL UNDERSTANDING OF YOUR RIGHTS YOU SHOULD CONSULT THE LAWS OF YOUR COUNTRY, PROVINCE OR STATE. TO THE EXTENT NOT PROHIBITED BY LAW IN YOUR STATE, PROVINCE, JURISDICTION OR COUNTRY, THIS WARRANTY AND THE REMEDIES SET FORTH ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL, WRITTEN, STATUTORY, EXPRESS OR IMPLIED.

J5CREATE'S RESPONSIBILITY FOR MALFUNCTIONS AND DEFECTS IN HARDWARE AND/OR SOFTWARE IS LIMITED TO REPAIR OR REPLACEMENT AS SET FORTH IN THIS WARRANTY. J5CREATE'S LIABILITY DOES NOT EXTEND BEYOND THE REMEDIES PROVIDED FOR IN THIS LIMITED WARRANTY, AND J5CREATE DOES NOT ACCEPT LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, FOR THIRD-PARTY CLAIMS AGAINST YOU FOR DAMAGES, FOR PRODUCTS NOT BEING AVAILABLE FOR USE, OR FOR LOST OR DAMAGED DATA OR SOFTWARE. J5CREATE DOES NOT WARRANT THAT THE OPERATION OF ANY J5CREATE PRODUCT WILL BE UNINTERRUPTED OR ERROR FREE.

J5CREATE'S LIABILITY IN ANY SITUATION WILL BE NO MORE THAN THE AMOUNT YOU PAID FOR THE SPECIFIC PRODUCT THAT IS THE SUBJECT OF A CLAIM. THIS IS THE MAXIMUM AMOUNT FOR WHICH WE ARE RESPONSIBLE.

EXCEPT FOR THE EXPRESS WARRANTIES CONTAINED IN THIS WARRANTY AND TO THE EXTENT NOT PROHIBITED BY LAW, J5CREATE DISCLAIMS ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, MERCHANTABILITY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE AND

WARRANTIES AND CONDITIONS AGAINST HIDDEN OR LATENT DEFECTS. SOME STATES, PROVINCES, JURISDICTIONS OR COUNTRIES DO NOT ALLOW DISCLAIMERS OF IMPLIED WARRANTIES AND CONDITIONS, SO THIS DISCLAIMER MAY NOT APPLY TO YOU.

TO THE EXTENT SUCH WARRANTIES AND CONDITIONS CANNOT BE DISCLAIMED UNDER THE LAWS OF THE UNITED STATES, CANADA (AND ITS PROVINCES) OR OTHERWISE, J5CREATE LIMITS THE DURATION AND REMEDIES OF SUCH WARRANTIES AND CONDITIONS TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY AND, AT J5CREATE'S OPTION, REPAIR OR REPLACEMENT SERVICES. SOME STATES, PROVINCES, JURISDICTIONS OR COUNTRIES MAY NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY OR CONDITION MAY LAST, SO THE LIMITATION DESCRIBED ABOVE MAY NOT APPLY TO YOU.

NO WARRANTIES OR CONDITIONS, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE LIMITED WARRANTY PERIOD HAS EXPIRED. SOME STATES, PROVINCES, JURISDICTIONS OR COUNTRIES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY OR CONDITION LASTS, SO THIS LIMITATION MAY NOT APPLY TO YOU.

WARRANTY SUPPORT ONLY APPLIES WHEN THE COVERED PRODUCT IS LOCATED WITHIN THE COUNTRY IN WHICH J5CREATE ORIGINALLY SOLD THE SYSTEM, AS REFLECTED IN J5CREATE'S RECORDS. IF YOU NEED SUPPORT FOR THE PRODUCT OUTSIDE OF THE COUNTRY OF ORIGIN (FOR EXAMPLE, WHILE TRAVELING, OR IF THE SYSTEM HAS BEEN RELOCATED TO A NEW COUNTRY), THEN J5CREATE MAY OFFER YOU OTHER SUPPORT OPTIONS FOR AN ADDITIONAL CHARGE.

USB-C and USB are trademarks of USB Implementers Forum, Inc., its affiliates or its respective owners, registered or used in many jurisdictions worldwide. DisplayPort is a trademark of Video Electronics Standards Association, its affiliates or its respective owners, registered or used in many jurisdictions worldwide. Mac, macOS, and MacBook are trademarks of Apple Inc., its affiliates or its respective owners, registered or used in many jurisdictions worldwide. Windows and Microsoft are trademarks of Microsoft Corp., its affiliates or its respective owners, registered or used in many jurisdictions worldwide. HDMI is a trademark of HDMI Licensing Administrator, Inc., its affiliates or its respective owners, registered or used in many jurisdictions worldwide. Dell and XPS are trademarks of Dell Inc., its affiliates or its respective owners, registered or used in many jurisdictions worldwide. SD and microSD are trademarks of SD-3, LLC, its affiliates or its respective owners, registered or used in many jurisdictions worldwide. Intel and Core are trademarks of Intel Corporation, its affiliates or its respective owners, registered or used in many jurisdictions worldwide. AMD Radeon is a trademark of Advanced Micro Devices, Inc., its affiliates or its respective owners, registered or used in many jurisdictions worldwide. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and/or names or their products and are the property of their respective owners. All company, product and service names used are for identification purposes only. Use of these names, logos, and brands does not imply endorsement. We disclaim any interest in the marks of others.

For more information please visit our website at <http://www.j5create.com>

Copyright© 2020 j5create. All rights reserved. All trade names are registered trademarks of their respective owners. Features and specifications are subject to change without notice. Product may not be exactly as shown in the diagrams.