



USB 3.0 Mini Dock

HDMI & VGA Dual Display / Gigabit Ethernet / USB HUB

Datasheet

JUD380

Windows/Mac



INTRODUCTION

The JUD380 acts as an external dual monitor display for your Mac or PC. It allows you to add an additional monitor/display through your USB 3.0 port. No need to open up the computer to add an expensive video card, with the USB 3.0 Mini Dock you simply load the drivers, plug the adapter into the USB port, then plug in the VGA or HDMI monitor cable into the adapter and you are ready.

It supports three viewing modes. Primary mode, allows you to have individual applications open on each monitor, vastly improving productivity. Extended mode allows you to extend your desktop across multiple displays, great for spreadsheets. Mirroring mode is used to clone one screen onto another, ideal for presentations. With "Plug & Play" functionality between your computer and 2nd monitor or projector, you will be able to create a new visual environment in seconds.

Functions

Display interface

- ✧ Easily add an additional display through the USB 3.0 and VGA/HDMI connection
- ✧ Dual HDMI/VGA individual display output
- ✧ Video playback performs at 1080p HD with a resolution of up to 2048 x 1152
- ✧ Add an additional monitor without adding an expensive, internal video card, avoiding complicated installation
- ✧ Hot swappable USB enables you to add or remove monitors without rebooting your system
- ✧ Move and view your large spreadsheets across two screens without overlapping windows
- ✧ Multitask with larger landscape/desktop space
- ✧ Ideal for viewing multiple windows at the same time
- ✧ Great for multitasking in a wide variety of applications including: phone centers, stock markets, hospitals, graphic design, editing, accounting, etc.
- ✧ A must have for surfing the web and working on your mail/Facebook/Twitter accounts all at the same time.

USB 3.0 SuperSpeed

- ✧ Transfer rates of up to 5 Gbps, enable bulky file backup
- ✧ Backwards compatible with USB 2.0 and USB 1.1 devices
- ✧ Hot-swappable connect / disconnect without powering down

Gigabit Ethernet

- ✧ Quickly add a Gigabit Ethernet port
- ✧ IEEE 802.3, 802.3u and 802.3ab (1BASE-T, 100BASE-TX, and 1000BASE-T) compatible
- ✧ Activity and Link LED indicators

Editor:

- Edit a document on one screen while researching reference materials on the other

Presentation:

- Use mirror mode while your laptop is plugged into a projector
- Use Primary mode to use different applications on your monitor and projector for creative displays

Office:

- Multi display scenario: view large spreadsheets across 2 screens with display continuity (For example: an Excel document)
- Independent: using desk space and doing multiple jobs at the same time- increasing efficiency
- Read and reply to email on one screen and open attachments on the other

Graphics Workstation:

- Design and check reference material at the same time
- More space for tablets and photo/video editing

Entertainment:

- Watch TV/movie while searching the program guide
- Play games online on one screen with the strategy guide on the other screen

Stock Market Trading:

- Monitor multiple stock markets and market news simultaneously

Coding/Programming:

- Allows effective code programming on one screen and software program companion on the other screen.

Extended Monitor System Requirements

- Microsoft Windows 10/ 8.1/ 8/ 7 (32-bit or 64-bit) compatible
- Mac OS X 10.8 or later
- Available USB 3.0/2.0 port (USB 3.0 recommended)
- One 2K (2048 x 1152 @ 60Hz) full-screen video playback
CPU: Intel Core i5 Quad Core
RAM: 4 GB memory or higher
- Two 2K (2048 x 1152 @ 60Hz) full-screen video playback
CPU: Intel Core i7 Quad Core
RAM: 8 GB memory or higher

Note for Video Player:

***Windows 8.1/8/7 users:** "Windows Media Player" is recommended for video playback

***Windows 10 users:** "Movies & TV" is recommended for video playback

Note:

Gigabit Ethernet requires driver installation on Mac.

If you are using a high-powered USB device please attach the power adapter.

To ensure that your device is equipped with the most current driver, please visit our website at www.i5create.com and install the latest driver for this model.

Physical Specifications

Model: JUD380	
Interface	
Host Interface	USB 3.0 Male Type-A Connector
USB Downstream Port	USB 3.0 Female Type-A Connector
Ethernet Interface	Gigabit Ethernet RJ-45 Female Connector
Video Interface	VGA-DB 15 pin Female Connector HDMI Type-A Female Connector
Power In	USB Micro-B Female Connector
Power	
Power Mode	Bus-powered and self-powered
Power Consumption	Idle $\geq 250\text{mA}$; Full Run $\geq 500\text{mA}$ (w/o USB-A ports)
Physical Specifications	
Housing Material	Aluminum
Dimensions	Main body: 119.6(W)x 14.15(H)x 42.8(D) mm Cable length: 200 mm
Weight	Approximately 82.6 g

Resolutions and Color Depth

Aspect Ratio	Resolution	Color Depth
Wide Screen Display		
16:9	2048 x 1152	32 bits
16:10	1920 x 1200	32 bits
16:9	1920 x 1080	32 bits
16:10	1680 x 1050	32 bits
16:9	1600 x 900	32 bits
16:10	1440 x 900	32 bits
16:9	1366 x 768	32 bits
16:9	1360 x 768	32 bits

16:10	1280 x 800	32 bits
15:9	1280 x 768	32 bits
16:9	1280 x 720	32 bits
Standard Display		
4:3	1600 x 1200	32 bits
4:3	1400 x 1050	32 bits
5:4	1280 x 1024	32 bits
4:3	1280 x 960	32 bits
4:3	1152 x 864	32 bits
4:3	1024 x 768	32 bits
4:3	800 x 600	32 bits
4:3	640 x 480	32 bits

Display Modes



Extended mode

Extend your primary monitor to a 2nd monitor



Primary mode

Choose the external port as a primary display



Mirror Mode

Enable initial and second screen to show same display simultaneously



Rotation Mode

(Supported on Windows only)

Rotate screen for a better view of long documents on a vertical monitor

Regulatory Compliance

FCC

This equipment is in compliance with the requirements of the following regulations:
47 CFR FCC Rules and Regulations Part 15 Subpart B, Class B Digital Device, ICES-003 Issue 6, Class B

CE

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

1608CE28: EN 55022:2010+AC: 2011/Class B, EN 55024:2010+A1:2015, EN61000-3-2:2014, EN 61000-3-3:2013

1608CE29: EN 55032:2012/AC: 2013, EN61000-3-2:2014, EN61000-3-3:2013

RCM

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

Australian/New Zealand Standard

AS/NZS CISPR 22:2009/A1:2010 Class B and

AS/NZS CISPR 32:2003 Class B

VCCI

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

V-3/2015.04, Class B ITE

BSMI

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Limited Warranty

j5create offers a limited 1-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, users should have the following information handy when calling or emailing the service team:

- (i) a copy of 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 (flood, fire, earthquake, lighting strike, typhoon, etc.); (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 express or implied.

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