

# USB 3.0 mini ultra station

Universal USB Docking Station

JUD530SE/GE

## Datasheet

Mac & Windows Compatible



j5create's JUD530 mini ultra station is an intelligent USB 3.0 universal docking station that designed for both MAC and Windows laptop computers for expanding various functions including video/audio/Gigabit Ethernet/USB peripherals/Charging connections, into full-sized workstations with one single USB 3.0 cable.

When consumers get their first glance at this elegant Mini Docking-shaped product, their eyes are most likely caught right away by this beautiful and unique physical build that also contains a high quality device. After consumers see the mini ultra station functions, they will be surprised to see that this device comes with extra exclusive functions.

### **Highlighted Features**

- ✧ Turn your laptop into full-sized workstation through a single USB 3.0 cable.
- ✧ Connect a keyboard, mouse, monitor, speakers, USB device, Gigabit Ethernet, etc.
- ✧ Multi-angle for NB placement
- ✧ Mac and Windows compatible.

### **USB 3.0 Super Speed**

- ✧ USB 3.0 Super speed (5Gbps)
- ✧ Transfer rates of up to 5Gb/s, enable bulky file backup
- ✧ Hot-swapping connect / disconnect without powering down
- ✧ Two port support Fast charging B.C V1.2 for Smart Phone/Table/iPad charging up to 2A

### **HDMI or VGA Display & Sound**

- ✧ Support VGA & HDMI display resolutions up to 2048 x1152 @ 32 bit
- ✧ Supports 1080P Video Playback
- ✧ Supports Display Modes: Primary, Extended, Mirror
- ✧ Display Rotation: 0°, 90°, 180°, 270°
- ✧ 3.5mm Audio in and out
- ✧ Support Audio output through HDMI connection

### **USB 3.0 Gigabit Ethernet**

- ✧ Quickly add a Gigabit Ethernet port over USB 3.0
- ✧ USB 3.0 plug-and-play and backwards compatible with USB2.0/1.1
- ✧ Transfer all of your files almost instantly over a true Gigabit network.
- ✧ IEEE 802.3, 802.3u and 802.3ab (1BASE-T, 100BASE-TX, and 1000BASE-T)

compatible

- ✧ Activity and Link LED indicators

### Required Environments

- ✧ Microsoft Windows 8.1, 8 , 7, XP (32-bit or 64-bit) compatible
- ✧ Mac OS X 10.9 / 10.8 / 10.7 / 10.6
- ✧ CPU: Intel i3 Dual Core 1.5 GHz/ Intel Atom "Bay Trail" Quad Core 1.33 GHz
- ✧ RAM: 2 GB or higher
- ✧ Available USB port (USB 3.0 is recommended)

### **Note:**

To ensure that your device is equipped with the most current driver, please visit our website at [www.j5create.com](http://www.j5create.com) and install the latest driver for this model.

### Package Contents

- ✧ mini ultra station (JUD530)
- ✧ USB 3.0 cable
- ✧ Power Adapter (5V/3A or 5V/4A)
- ✧ Driver CD with E-manual
- ✧ Quick Installation Guide

## Physical Specifications

### Interface

Host Interface	USB 3.0 Micro B connector
Cable	USB 3.0 Micro B to Type A
Video Interface	VGA-DB 15 pin Female connector
	Standard HDMI Female Connector (Include Audio)
Ethernet	RJ-45 Female connector (Gigabit Ethernet)
USB Port	USB 3.0 Female connector x 3 USB 3.0 Battery Charging V.1.2 Charging port x 2 (Two ports with the icon provide additional power for up to 2A fast-charging an iPad®, smart phones, tablet or similar products.)
Audio Jack	Microphone: 3.5 mm stereo audio in Speaker: 3.5 mm stereo audio out

### Power

Power Adapter	Input: AC 100-240V, 50~60 Hz Output: DC 5V/3A (US/JP/TW) or 5V/4A (EU/UK/AU/CN)
Power Mode	Bus-Powered & Self-Powered

### Function

Display	<b>Video Playback:</b> 1080P <b>Display resolution:</b> 2048 x 1152 @ 32bit <b>Display Modes:</b> Primary, Extended, Mirror <b>Display Rotation:</b> 0°, 90°, 180°, 270°
Ethernet	<b>Transfer Rate:</b> 1000 Mbps (Half Duplex) / 1000 Mbps (Full Duplex) <b>IEEE:</b> IEEE 802.3az, IEEE 802.3, 802.3u, and 802.3ab, IEEE 802.3x <b>Modes:</b> <ul style="list-style-type: none"> <li>- Supports Wake on LAN function, suspend mode and remote wakeup via link-change, magic packet, or Microsoft wakeup frame</li> <li>- Supports IEEE 802.1Q VLAN tagging and 2 VLAN ID filtering</li> <li>- Supports Jumbo Frame</li> <li>- Supports Checksum Offload (IPv4, IPv6, TCP, UDP)</li> </ul>

and TCP Large Send Offload

**Physical Specification****JUD530**

Dimensions	Main body: 301.1(W)x 28.5(H)x22 (D) mm Cable length: 60cm
Weight	Approximately 106.5g
Housing Material	Aluminum

**Video Resolutions and Color Depth Support**

Aspect Ratio	Resolution	Color Depth
<b>Wide Screen Display</b>		
16:9	2048 x 1152	16,32 bits
16:10	1920 x 1200	16,32 bits
16:9	1920 x 1080	16,32 bits
16:10	1680 x 1050	16,32 bits
16:9	1600 x 900	16,32 bits
16:10	1440 x 900	16,32 bits
16:9	1360 x 768	16,32 bits
16:10	1280 x 800	16,32 bits
15:9	1280 x 768	16,32 bits
16:9	1280 x 720	16,32 bits
<b>Standard Display</b>		
4:3	1600 x 1200	16,32 bits
4:3	1400 x 1050	16,32 bits
5:4	1280 x 1024	16,32 bits
4:3	1280 x 960	16,32 bits
4:3	1152 x 864	16,32 bits
4:3	1024 x 768	16,32 bits
4:3	800 x 600	16,32 bits

## DISPLAY MODES



### Extended mode

Extend your primary monitor to a 2<sup>nd</sup> monitor



### Primary mode

Choose the external DVI 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 better view of long document in vertical monitor

## 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:

European Standard EN 55022:2010/AC:2011 Class B,

EN 61000-3-2:2006/A1:2009 and /A2:2009, EN 61000-3-3:2008 and

EN 55024:2010(IEC 61000-4-2:2008 ED. 2.0, IEC 61000-4-3:2010 ED. 3.2,

IEC 61000-4-4:2012 ED. 2.1, IEC 61000-4-5:2005 ED. 2.0, IEC 61000-4-6:2008 ED. 3.0,

IEC 61000-4-8:2009 ED. 2.0, IEC 61000-4-11:2004 ED. 2.0).

### C-Tick

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

AS/NZS CLSPR 22:2009/Amdt 1:2010

### VCCI

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

VCCI V-3/2014.04 Class B ITE

### BSMI

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

CNS 134338

### 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.





## WARRANTY OF j5 create

**j5 create** offers a limited 1-year warranty. User's wear & tear damage is not included.

The user shall call or email **j5 create** customer service with 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, user 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) a return Material authorization number
- (v) customer's Name, address, and telephone number

**j5 create** does not warrant that the operation of the product will be uninterrupted or error-free.

**j5 create** 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-**j5 create** products; (d) damage cause 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 **j5 create** ; (g) damage caused by service (including upgrades and expansions) performed by anyone who is not a representative of **j5 create** or a **j5 create** Authorized Service Provider; (h) a product or part that has been modified to alter functionality or capability without the written permission of **j5 create**; or (i) if any **j5 create** serial number on the product has been removed or defaced.

If such a situation occurs, **j5 create** will calculate the cost of materials and repair for your reference.

This warranty is given by **j5 create** in lieu of any other warranties express or implied.

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