



Mini Ultra Station Datasheet JUD531

Mac & Windows Compatible



The JUD531 is an intelligent USB 3.0 universal docking station that is designed for both MAC and Windows laptop computers. It allows you to expand various functions including video, audio, Gigabit Ethernet, USB peripherals and charging connections into full-sized workstations with a single USB 3.0 cable.

Highlighted Features

- ✧ Turn your laptop into a full-sized workstation through a single USB 3.0 cable
- ✧ Connect a keyboard, mouse, monitor, speakers, USB device, Gigabit Ethernet, etc.
- ✧ Multi-angle for notebook placement
- ✧ Dual HDMI/VGA individual display output
- ✧ Mac and Windows compatible

USB 3.0 Super Speed

- ✧ USB 3.0 Super speed
- ✧ Transfer rates of up to 5 Gbps, enable bulky file backup
- ✧ Hot-swapping connect and disconnect without powering down
- ✧ Two ports support fast charging BC V1.2 for smart phone, table and iPad charging up to 2A

Dual HDMI / VGA Display & Sound

- ✧ Supports VGA & HDMI dual display resolutions up to 2048 x 1152 @ 32 bit
- ✧ Supports 1080P video playback
- ✧ Supports display modes: primary, extended and mirror
- ✧ Display Rotation: 0°, 90°, 180°, 270°
- ✧ 3.5 mm audio in and out
- ✧ Supports audio output through an 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 USB 2.0/1.1
- ✧ 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

System Requirements

- ✧ Microsoft Windows 10/ 8.1/ 8/ 7 (32-bit or 64-bit)
- ✧ Mac OS X 10.8 or later
- ✧ Available USB 3.1/3.0/2.0 port (USB 3.1/3.0 recommended)
- ✧ Office applications / Web
 - CPU: Intel Core i3 Dual Core 2.8 GHz
 - RAM: 2 GB memory or higher
- ✧ 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
 - Graphics card: Intel HD Graphics 4000/ ATI HD 7xxx/ NVIDIA 5XXM 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:

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

Package Contents

- ✧ Mini Ultra Station (JUD531)
- ✧ USB 3.0 cable
- ✧ Power Adapter (5V/3A or 5V/4A)
- ✧ Driver CD with E-manual
- ✧ Quick Installation Guide

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 (includes audio)
Ethernet	RJ-45 female connector (Gigabit Ethernet)
USB Port	USB 3.0 female connector x 3 USB 3.0 battery charging V1.2 charging port x 2 (the two ports, with the icon, provide additional power 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
Functions	
Display	Display resolution: 2048 x 1152 @ 32bit Display modes: primary, extended, mirror Display rotation: 0°, 90°, 180°, 270°
Ethernet	Transfer Rate: 1000 Mbps (Half Duplex) / 1000 Mbps (Full Duplex) IEEE: IEEE 802.3az, IEEE 802.3, 802.3u, and 802.3ab, IEEE 802.3x Modes: - Supports Wake on LAN function, suspend mode and remote wakeup via link-change, magic packet, or Microsoft wakeup frame - Supports IEEE 802.1Q VLAN tagging and 2 VLAN ID filtering - Supports Jumbo Frame - Supports Checksum Offload (IPv4, IPv6, TCP, UDP)

and TCP Large Send Offload

Physical Specifications**JUD531**

Dimensions	Main body: 301.1(W) x 28.5(H) x 22 (D) mm Cable length: 60 cm
Weight	Approximately 106.5g
Housing Material	Aluminum

Video Resolutions and Color Depth Support

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 the initial screen and the second screen to simultaneously show same display



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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