

USB C Dock - Triple 4K Monitor USB Type-C Docking Station - 100W Power Delivery - DP 1.4 Alt Mode & DSC, 2x DisplayPort 1.4/HDMI 2.0 - 6xUSB (2x 10Gbps), SD - Windows/Chrome

**Product ID:** DK31C2DHSPD



This USB-C Gen 2 10Gbps docking station turns your USB-C or Thunderbolt 3 Windows laptop or Chromebook into a powerful workstation. A USB 3.2 Gen 2 Type-C dock features everything you need, from triple video outputs up to 4K 60Hz to 10Gbps USB-C & USB-A downstream peripheral ports to 100W Power Delivery.

This USB-C Gen 2 docking station with DP 1.4 and HDMI 2.0 HBR3 support, is a perfect choice for dual or triple monitor setup, supporting up to triple 4K 30Hz nearly uncompressed video resolution output, with two DisplayPort and one HDMI outputs. Maximum dual and triple 4K display performance is supported on USB-C 11th Gen Intel-based (DP 1.4 HBR3 with DSC support) Windows Thunderbolt 3 or USB-C laptops, but backwards compatibility to older laptop generations and lower resolution monitor requirements.

Power and charge USB-C/Thunderbolt 3 workstation laptops & ultrabooks with 100 watt power delivery, to keep high performance laptops sufficiently charged during heavy productivity usage.

Charge smartphones and other devices with USB-C downstream charging ports featuring BC 1.2 charging specification. Fast-charge ports support always-on charging so devices will charge whether or not a host laptop is connected.

This USB-C Gen 2 docking station features 6 downstream USB ports in total to connect USB peripherals and an SD 3.0 UHS-I card reader for media storage.

- 2x USB-C 3.2 Gen 2 - 10 Gbps (BC 1.2 Fast-Charge + Always-On)
- 2x USB-A 3.2 Gen 1 - 5 Gbps
- 2x USB-A 2.0 - 480 Mbps
- SD 3.0 UHS-I Card Reader

Also included, is a gigabit Ethernet port with PXE Boot, as well as 4-position TRRS stereo audio for a headset and mic.

This USB-C docking station comes with plenty of security features two K-slots for a Kensington style laptop lock.

Developed to improve performance and security, StarTech.com Connectivity Tools is the only software suite on the market that works with a wide range of IT connectivity accessories. The software suite includes:

Advanced Windows Layout Utility: To setup and save custom windows layouts.

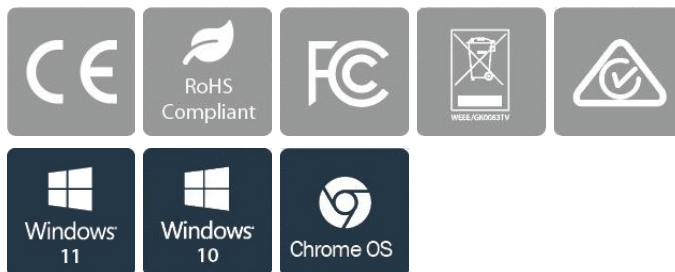
Mac Address Pass-Through Utility: To improve network security.

USB Event Monitoring Utility: To track and log connected USB devices

Wi-Fi Auto Switch Utility: Enabling users to quickly access faster network speeds via wired LAN.

For more information and to download the StarTech.com Connectivity Tools application, please visit:  
[www.StarTech.com/Connectivity-Tools](http://www.StarTech.com/Connectivity-Tools)

## Certifications, Reports and Compatibility



## Applications

### Features

- **HIGH PERFORMANCE USB-C DOCK:** USB-C docking station for Windows/Chrome OS, featuring up to three 4K video outputs (2x DisplayPort 1.4 & 1x HDMI 2.0), 100W PD, 6 port USB Hub (10Gbps), SD 3.0 UHS-I Card Reader, Gigabit Ethernet, and headset port
- **DISPLAYPORT 1.4 WITH DSC:** Triple monitor USB-C docking station (MST) supports dual 4K 60Hz or triple 4K 30Hz on DP 1.4 Alt-Mode HBR3 w/ DSC enabled laptop - works with DP 1.2 supporting dual monitor 1080p @ 60Hz (see image gallery)
- **100W POWER DELIVERY CHARGING:** Power & charge Windows-based USB-C/Thunderbolt 3 workstation laptops, Chromebooks, ultrabooks including Lenovo X1 Carbon, ThinkPad P Series, Dell Latitudes, Precision, XPS 15, HP Spectre, and ZBook
- **6-PORT USB HUB:** 2x 10Gbps USB-C (USB 3.2/3.1 Gen 2), both BC 1.2 fast charge always-on ports), 2x USB 3.0 5Gbps, and 2x USB 2.0; a variety of USB ports to connect many peripherals incl. two 10Gbps high speed USB-C ports for external drives
- **DEPLOYMENT READY:** Universal multi monitor USB Type-C docking station with no driver setup, features 2x security lock k-slots, On/Off button, 3.3ft (1m) USB-C host cable; Windows/Chrome OS support

- CONNECTIVITY TOOLS: Provided with this device, the application improves performance and security, featuring MAC Address Changer, USB Event Monitoring, Windows Layout & Wi-Fi Auto Switch utilities

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## Hardware

|                      |  |
|----------------------|--|
| Warranty             | 3 Years  |
| 4K Support           | Yes  |
| Fast-Charge Port(s)  | Yes  |
| Displays Supported   | 3  |
| Audio                | Yes  |
| Interface            | USB 3.2 Gen 2 - 10 Gbit/s  |
| Bus Type             | USB 3.2 Gen 2 10Gbps   |
| Compatible Lock Slot | Kensington Mini Slot / Standard Slot   |
| Industry Standards   | 1 Gigabit connectivity to any 1000Base-T device (IEEE802.3ab compliant), 100 Megabit connectivity to any 100Base-TX device (IEEE802.3u compliant), 10 Megabit connectivity to any 10Base-T device (IEEE802.3i compliant) |
| Chipset ID           | Cypress - CYPD3125<br>Cypress - CYPD4236<br>Synaptics - VMM5320BJG-R<br>Genesys - GL850<br>Genesys - GL3523<br>Genesys - GL3590<br>Genesys - GL3232S<br>TI - TUSB1064RNQR<br>Realtek - RTL8153B<br>Realtek - ALC4030U    |

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## Performance

|                             |   |
|-----------------------------|---|
| Maximum Digital Resolutions | Triple Display:<br>4096 x 2160 30Hz (DisplayPort 1.4 HBR3 with DSC) |
|-----------------------------|---|

1920 x 1080 60Hz (DisplayPort 1.4 HBR3 without DSC)

1600 x 900 60Hz (DisplayPort 1.2 HBR2)

Dual Display:

4096 x 2160 60Hz (DisplayPort 1.4 HBR3 with DSC)

2560 x 1440 60Hz (DisplayPort 1.4 HBR3 without DSC)

1920 x 1080 60Hz (DisplayPort 1.2 HBR2)

Single Display:

4096 x 2160 60Hz (DisplayPort 1.4 HBR3 with DSC)

3840 x 2160 60Hz (DisplayPort 1.4 HBR3 without DSC)

3840 x 2160 30Hz (DisplayPort 1.2 HBR2)

*GPU CAPABILITIES: A laptop with a discrete video card is recommended for dual 4K 60Hz or triple 4K 30Hz display configurations. Must also support DP 1.4 Alt-Mode HBR3 w/ DSC. Please verify maximum number of displays supported by your GPU; Some GPU chips (such as Intel HD Graphics) are only capable of supporting a maximum of three displays (laptop screen may be disabled when connected to three monitors)*

|                      |   |
|----------------------|---|
| Audio Specifications | Analog Stereo - 2 Channel Audio         |
| Memory Media Type    | SD/MMC (Secure Digital/Multimedia Card) |
| PXE                  | Yes                                     |
| MTBF                 | 215,990 hours                           |

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**Connector(s)**

|                |  |
|----------------|--|
| External Ports | 2 - USB Type-C (Fast-Charge, 24 pin) USB 3.2 |
|                | 2 - USB 3.2 Type-A (9 pin, Gen 1, 5Gbps)     |
|                | 2 - USB 2.0 Type-A (4 pin, 480Mbps)          |
|                | 2 - DisplayPort                              |
|                | 1 - HDMI                                     |

|                 |  |   |
|-----------------|--|---|
|                 |  | 1 - SD / MMC Slot                               |
|                 |  | 1 - RJ-45                                       |
|                 |  | 1 - 3.5 mm Stereo Audio                         |
|                 |  | 2 - Security Lock Slot                          |
| Host Connectors |  | 1 - USB 3.2 USB Type C (10 pin, Gen 2, 10 Gbps) |

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### Software

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|------------------|---|
| OS Compatibility | Windows 10, 10 ARM, 11, 11 ARM, Windows 8.1, Chrome OS 78.x |
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### Special Notes / Requirements

|                               |  |
|-------------------------------|--|
| System and Cable Requirements | A Windows-based laptop with an available USB-C port (to ensure full adapter functionality, the host USB-C port must support USB-C Power Delivery and DP alt mode)                      |
| Note                          | Ensure your laptop's drivers, firmware, and operating system are up to date prior to using the docking station. For a multi-monitor configuration, the Windows laptop must support MST |

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### Indicators

|                |                               |
|----------------|-------------------------------|
| LED Indicators | 1 - White On: Power           |
|                | 1 - Yellow On: Link Detected  |
|                | 1 - Yellow Flashing: Activity |
|                | 1 - Green On: 1Gbps           |
|                | 1 - Yellow On: 100Mbps        |

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### Power

|                |                     |
|----------------|---------------------|
| Power Source   | AC Adapter Included |
| Power Delivery | 100W                |
| Input Voltage  | 100 - 240 AC        |
| Input Current  | 2.5A                |
| Output Voltage | 20V DC              |
| Output Current | 8.5A                |

|                              |                            |
|------------------------------|----------------------------|
| Plug Type                    | CP (OD:7.4/ID:5.1/CPD:0.6) |
| Power Consumption (In Watts) | 170                        |

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#### Environmental

|                       |  |
|-----------------------|--|
| Operating Temperature | 0C to 50C                                |
| Storage Temperature   | -20C to 70C                              |
| Humidity              | 0% to 95% (non-condensing) at 25 degrees |

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#### Physical Characteristics

|                   |                    |
|-------------------|--------------------|
| Color             | Black & Space Gray |
| Cable Length      | 3.3 ft [1 m]       |
| Product Length    | 8.3 in [21.0 cm]   |
| Product Width     | 3.5 in [9.0 cm]    |
| Product Height    | 1.2 in [3.0 cm]    |
| Weight of Product | 10.6 oz [300.0 g]  |

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#### Packaging Information

|                           |                  |
|---------------------------|------------------|
| Package Quantity          | 1                |
| Package Length            | 9.2 in [23.4 cm] |
| Package Width             | 5.7 in [14.6 cm] |
| Package Height            | 3.5 in [9.0 cm]  |
| Shipping (Package) Weight | 2.8 lb [1.3 kg]  |

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#### What's in the Box

|                     |                             |
|---------------------|-----------------------------|
| Included in Package | 1 - USB-C Dock              |
|                     | 2 - Power Cable NA/JP & ANZ |
|                     | 1 - USB-C Cable (1 m)       |
|                     | 1 - Quick-Start Guide       |
|                     | 1 - Power Adapter           |

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*\*Product appearance and specifications are subject to change without notice.*