

4K DisplayPort Docking Station for Laptops - USB 3.0

Product ID: USB3VDOCK4DP

This 4K DisplayPort docking station for laptops offers a cost-effective way to create a simpler but highly functional Ultra HD workstation that can be used in permanent workspaces, or by multiple people in guest or hoteling (hot desk) environments.

If you don't need all the connections and features of a traditional laptop docking station, you can use this dock to add the most essential connections (such as an extra high-resolution display) to your laptop. With support for 4K cinema-quality resolution, it's great for graphic and web designers, video editors, and more.

Now you or your colleagues can be more productive and create an efficient and comfortable workspace, even in an area with minimal desk space.

This laptop dock features basic device connections that are integrated into a small foot-print housing. Now you can create a permanent or a hoteling (hot desking) workstation in a location with limited space. The dock offers an efficient solution for adding an extra display, a Gigabit network connection, and multiple USB devices without having to connect several individual adapters. And, with hotel desks or hot desks, laptop users aren't tied to one specific workstation, so they can come and go easily.

For users who require a boost in image quality, the dock offers a 4K DisplayPort connection that supports 4K x 2K (3840 x 2160p - 30Hz) Ultra HD resolution.

The DP dock offers simpler connectivity, so you can save money by avoiding a docking station that has connections you might never use. It's perfect for anyone who needs to expand their connectivity in virtually any environment or application.

It's a cost-effective docking station that still provides all the fundamental ports of a full-size workstation, such as an DisplayPort output, and when paired with your laptop display, you can easily set up dual monitors.

The 4K dock is perfect for professionals who work with highly detailed graphics, or large spreadsheets, such as engineers, animators, and financial analysts.

If you're running out of physical workspace, this USB 3.0 (also known as USB 3.1 Gen 1 - 5Gbps) docking station can help. Its compact design occupies minimal surface area, so you can integrate it into smaller areas than traditional docking stations or desktop computers would require.

By maximizing your available space, the compact dock can help eliminate the added cost and hassle of purchasing more offices, cubicles, or desks.

With fewer ports integrated into a small foot-print housing, the dock is a perfect fit for short-term work areas (hot desks). It's ideal for mass deployment in business, classroom, computer lab, and government settings. Plus, it integrates nicely into home-office or office-hoteling workspaces that have limited space.

You can avoid the aggravation of a dead battery and make sure your mobile device is always ready to go, using the dock's USB fast-charge and sync port. Plus, the always-on USB port supports device charging even when your laptop isn't connected to the dock.

When you're in a hurry, the easily accessible USB port charges your smartphone or tablet faster than traditional USB ports. This front-panel port ensures your mobile device is always within arm's reach, so you can simultaneously get your work done while enjoying convenient device charging at your workstation.

Unlike some proprietary docking stations designed only to work with specific laptop models, this universal laptop dock works with multiple brands. All you need is your laptop's USB 3.0 port and you can be up and running quickly. With

universal support, you can use this dock with different laptops now, or in the future.

The USB3VDOCK4DP is backed by a StarTech.com 3-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Create a 4K hoteling, guest workstation (hot desk) for BYOD (Bring Your Own Device) users, or for CYOD (Choose Your Own Device) applications where companies offer a selection of laptops that can be used at one workstation
- Take full advantage of Ultra HD technology, and connect a single 4K monitor with higher resolutions and superior quality, even if your laptop video card doesn't natively support it
- Save money by using a dock with only the ports you need, or by deploying just one universal laptop docking station for several employees or guests
- Works with most USB 3.0 equipped laptops, such as your Ultrabook, Microsoft Surface Pro, Surface Book, Surface 3, Lenovo Yoga, MacBook, and many Windows based tablets
- Create a single-video workstation that's ideal for small or home offices, as well as small, medium, and large businesses

Features

- Add essential ports to your laptop and create a permanent, 4K single-video workstation, or a short-term (hotel or hot desk) workspace
- Create a 4K Ultra HD (3840 x 2160p) workstation in your office or any environment with space constraints, with a compact, small-footprint housing that offers simpler device port connectivity
- A cost-effective way to add ports to your laptop, such as 4K DisplayPort, USB fast-charge, USB 3.0, Gigabit Ethernet, and a headset jack
- Always-on USB fast-charge port supports device charging without a laptop connection, and USB Battery Charging Specification 1.2
- Three USB 3.0 ports — two standard ports and one fast-charge and sync
- Easy-access 3.5mm 4-position TRRS headset port (audio plus microphone)
- Gigabit Ethernet RJ45 port with Wake-on-LAN (WOL) support
- Fast, hassle-free setup
- Rugged and durable design offers reliable performance
- Includes a USB 3.0 host cable

- Universal compatibility, works with virtually all USB 3.0 equipped laptop brands
- Supports Windows, Mac, and Chrome OS

Hardware

| | |
|---------------------|--|
| Warranty | 3 Years |
| 4K Support | Yes |
| Fast-Charge Port(s) | Yes |
| Displays Supported | 1 |
| Bus Type | USB 3.0 |
| Industry Standards | USB Battery Charging Specification Rev. 1.2 IEEE 802.3, IEEE 802.3u, IEEE 802.3ab USB 3.0 - Backward compatible with USB 2.0/1.1 |
| Chipset ID | DisplayLink - DL-5700 VIA/VLI - VL812 |

Performance

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|-----------------------------|--|
| Maximum Data Transfer Rate | 5 Gbps (USB 3.0) 2 Gbps (Ethernet; Full-Duplex) |
| Maximum Digital Resolutions | 3840 x 2160 @ 30Hz (DisplayPort - Single Display) Lower resolutions are also supported. For example, if the max is 3840 x 2160p (4K), it also supports 2560 x 1600p and 2560 x 1440p. |
| Type and Rate | USB 3.0 - 5 Gbit/s |
| UASP Support | Yes |
| Compatible Networks | 10/100/1000 Mbps |
| Auto MDIX | Yes |
| Full Duplex Support | Yes |

Connector(s)

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|-------------------|--|
| Connector Type(s) | DisplayPort (20 pin) USB 3.0 A (Fast-Charge, 9 pin) |
|-------------------|--|



USB Type-A (9 pin) USB 3.0 (5 Gbps)

RJ-45

3.5 mm Mini-Jack (4 Position)

USB Type-B (9 pin) USB 3.0

Security Lock Slot

Software

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|------------------|---|
| OS Compatibility | Windows 7, 8, 8.1, 10 macOS 10.8 to 10.12, 10.14 - 10.15, 11.0 Chrome OS v55+ |
|------------------|---|

Special Notes / Requirements

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|-------------------------------|---|
| System and Cable Requirements | USB-enabled computer with an available USB 3.0 port |
| Note | <p>A 4K-capable DisplayPort display is required to achieve 4Kx2K resolutions</p> <p>If connected to a USB 2.0 host port, or if using a USB 2.0 host connection cable, performance may be limited (USB 3.0 host cable included)</p> <p>USB 3.0 is also known as USB 3.1 Gen 1; this connectivity standard offers speeds up to 5Gbps</p> <p>Extended displays are currently only supported with DisplayLink-based products on macOS 10.11 to 10.13.3. This may change in future versions.</p> |

Indicators

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|----------------|----------------------------------|
| LED Indicators | Link (Green) Activity (Amber) |
|----------------|----------------------------------|

Power

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| Power Source | AC Adapter Included |
| Input Voltage | 100 - 240 AC |
| Input Current | 0.8 A |
| Output Voltage | 5 DC |
| Output Current | 4 A |



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|------------------------------|----------|
| Center Tip Polarity | Positive |
| Plug Type | M |
| Power Consumption (In Watts) | 20 |

Environmental

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|-----------------------|---------------------------|
| Operating Temperature | 5C to 50C (41F to 122F) |
| Storage Temperature | -20C to 60C (-4F to 140F) |
| Humidity | 20~80% RH |

Physical Characteristics

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|-------------------|------------------|
| Color | Black & Silver |
| Material | Plastic |
| Product Length | 5.5 in [13.9 cm] |
| Product Width | 3.1 in [79.0 mm] |
| Product Height | 1.0 in [26.0 mm] |
| Weight of Product | 5.0 oz [142.0 g] |

Packaging Information

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|---------------------------|-------------------|
| Package Length | 5.9 in [15.1 cm] |
| Package Width | 8.4 in [21.4 cm] |
| Package Height | 2.1 in [53.0 mm] |
| Shipping (Package) Weight | 19.6 oz [556.0 g] |

What's in the Box

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|---------------------|--|
| Included in Package | laptop docking station |
| | 3.6 ft [1100 mm] USB 3.0 host cable |
| | universal power adapter (NA/EU/UK/ANZ) |
| | instruction manual |



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

