

Universal USB 3.0 4K Laptop Docking Station w/ 4K DisplayPort™ - USB Fast-Charge Port, USB 3.0, GbE - DP / HDMI® Dual Video

StarTech ID: USB3DOCKHDPC



The USB3DOCKHDPC USB 3.0 4K Laptop Docking Station lets you create a vibrant, high-resolution, 4K Ultra HD workstation in your office or at home, from a single USB 3.0 port on your laptop. Now, you can discover leading-edge display technology, desktop convenience, and fast device charging by adding 4K DisplayPort, DP & HDMI dual video, USB quick-charge port, security lock slot, and several other vital connections to your USB 3.0-equipped laptop, for effortless, high-performance docking.

Leading-Edge Display Technology

Deliver brilliant text and image quality, and an exciting visual experience with one of the first docking stations to support 4Kx2K (3840x2160p) resolution. Now, you can take advantage of the latest Ultra High Definition (UHD) displays, or prepare your workspace for the future popularity of 4K touch screens, displays, and video sources, which offer 4x as many pixels as full high-definition (1920x1080p).

Maximum Supported Resolutions

| Video Output | Max DisplayPort Resolution | Max HDMI Resolution |
|-------------------------------------|----------------------------|---------------------|
| DisplayPort Only (Single Display) | 3840x2160p (4K) | |
| | 2560x1600p | N/A |
| HDMI Only (Single Display) | 2560x1440p | |
| | 2560x1440p | N/A |
| DisplayPort and HDMI (Two Displays) | 2048x1152p | 2048x1152p |

Native 4K videos, applications, and graphics look crystal-clear and sharp with vivid realism, documents are crisp, and colors appear rich and more accurate. Easily add 4K capabilities to your Windows® 8/7 or Mac OS® 10.10/10.9 laptop, when connected to a single display via the dock DP video output and a DisplayPort-enabled 4K

display. For extra display flexibility, pair the docking station with the [DisplayPort to HDMI 4K Video Converter](#) (SKU: DP2HD4KS - sold separately) to add support for a 4K HDMI-based display.

Connect to a **4K display**, even if your laptop video card doesn't **natively support 4K output**.



Desktop Convenience

Work faster, and more efficiently! With dual monitor support (4K output not supported in dual monitor configuration), you can design an immersive, multi-display desktop proven to streamline work and save time. Be up-and-running in seconds with no headaches, simply connect DP and HDMI-enabled displays to the integrated monitor outputs and you're done.

A single USB 3.0 connection means docking your laptop (e.g. Lenovo® ThinkPad®, HP® / Dell® Ultrabook™, MacBook Pro® / Air®) is hassle-free, too. Devices remain constantly connected, letting you overcome laptop port limitations while also eliminating the aggravation of continually reconnecting peripherals. You can even tuck the dock neatly under your laptop, to create a full-sized hot desk workstation that's organized and clutter-free.



Device Charging

Fast-charge your tablet or smartphone, with or without a laptop connected to the dock! USB charging is fast, convenient, and easily accessible, through a side-facing, always-on USB fast-charge port that combines data throughput with support for USB Battery Charging Specification 1.2. You can create a dynamic shared workspace and get work done efficiently, while simultaneously adding charge and sync flexibility to a mobile device.

Now, you can enjoy true multitasking capability by rapid-charging your mobile device, fused with the performance and convenience of a full-sized 4K workstation. Plus, an integrated 4-port USB 3.0 hub-controller with support for UASP-enhanced performance offers faster data transfer rates, resulting in less waiting, and more productivity from your attached peripherals such as USB 3.0 external hard drives.

Able to **fast-charge** a device, even **without a host connection**.



Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Applications

- Expand your laptop display capabilities and connect a single 4K monitor, projector, or HDTV, with higher resolutions and superior quality
- Ideal for professionals who require highly accurate attention to detail, such as graphic and web designers, animators, or engineers (CAD)
- Couple with a 4K-capable touch screen for smooth, and precise touch-recognition
- Transform your laptop into a powerful workstation, and connect multiple monitors plus a wide variety of peripherals, all through a single USB 3.0 connection
- Create a shared workspace or hot desk for guests, customers, and colleagues that offers an easy-access fast-charge port
- Slide the docking station under your Ultrabook™ or MacBook® for a tidy setup and ergonomically friendly access to your laptop keyboard

Features

- 4K DisplayPort video output to a single DP display, with support for 3840x2160p Ultra HD resolutions
- Dual video support when connected to a DP and HDMI display - 2048x1152p max resolution on each display
- Easy-access USB 3.0 Fast-charge and Sync port, able to charge devices without a laptop connection
- Integrated security lock slot to keep the docking station secure
- 3.5mm 4-Position TRRS Headset port - Audio/Microphone
- 4x total USB 3.0 downstream ports with UASP support (1x side port USB Battery Charging Specification 1.2 compliant, and 3x rear ports)
- Gigabit Ethernet RJ45 Port with Wake-on-LAN (WOL)
- Small and flat footprint provides an elevated typing surface when tucked under your laptop
- Includes 2ft USB 3.0 host cable

Technical Specifications

| | |
|-------------------------------|--|
| Warranty | 2 Years |
| Bus Type | USB 3.0 |
| Industry Standards | IEEE 802.3, IEEE 802.3u, IEEE 802.3ab USB Battery Charging Specification Rev. 1.2 USB 3.0 - Hub ports support USB 2.0/1.1 backward-compatibility |
| Chipset ID | DisplayLink - DL-5900 (Display, LAN, Audio) VLI - VL812 (USB 3.0 w/ Charge) |
| Connector Type(s) | 1 - DisplayPort (20 pin) Female |
| Connector Type(s) | 1 - HDMI (19 pin) Female |
| Connector Type(s) | 1 - USB 3.0 A (Fast-Charge; 9 pin; SuperSpeed) Female |
| Connector Type(s) | 3 - USB 3.0 A (9 pin; SuperSpeed) Female |
| Connector Type(s) | 1 - RJ-45 Female |
| Connector Type(s) | 1 - 3.5 mm Mini-Jack (4 Position) Female |
| Connector Type(s) | 1 - USB 3.0 B (9 pin; SuperSpeed) Female |
| Connector Type(s) | 1 - Security Lock Slot Female |
| Maximum Data Transfer Rate | 5 Gbps (USB 3.0) 2 Gbps (Ethernet; Full-Duplex) |
| Maximum Digital Resolutions | 3840x2160 / 2560x1600 / 2560x1440 (DisplayPort - Single Display) 2560x1440 (HDMI - Single Display) 2048x1152 & 2048x1152 (DisplayPort & HDMI - Two Displays) |
| 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 |
| OS Compatibility | Windows® 8 / 8.1 (32/64bit), 7 (32/64) Mac OS® 10.6 and up (Tested up to 10.10) |
| System and Cable Requirements | 4K video resolution is supported on Windows 8/7 and Mac 10.10/10.9 operating systems only |
| System and Cable Requirements | DisplayPort display must support 4K resolutions |
| System and Cable Requirements | 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) |
| Color | Black |

| | |
|---------------------------|------------------------------------|
| Enclosure Type | Steel and Plastic |
| Cable Length | 0.6 m [2 ft] |
| Product Length | 227 mm [8.9 in] |
| Product Width | 76 mm [3 in] |
| Product Height | 24 mm [0.9 in] |
| Product Weight | 277 g [9.8 oz] |
| LED Indicators | 1 - Link (Green) |
| LED Indicators | 1 - Activity (Yellow) |
| Power Source | AC Adapter Included |
| Input Voltage | 100 ~ 240 AC |
| Input Current | 1.5 A |
| Output Voltage | 5 DC |
| Output Current | 6.5 A |
| Power Consumption | 32.5 W Max |
| Operating Temperature | 0°C to 40°C (32°F to 104°F) |
| Storage Temperature | -10°C to 80°C (14°F to 176°F) |
| Humidity | 90% RH |
| Shipping (Package) Weight | 1.1 kg [2.5 lb] |
| Included in Package | 1 - USB 3.0 Laptop Docking Station |
| Included in Package | 1 - 2ft USB 3.0 Cable |
| Included in Package | 1 - Universal Power Adapter |
| Included in Package | 3 - Power Cords (NA/UK/EU) |
| Included in Package | 1 - Driver CD |
| Included in Package | 1 - Instruction Manual |

Certifications, Reports and Compatibility

