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USB3DOCKHDPC

EN
This Datasheet is presented by
the manufacturer

DE
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Hersteller bereitgestellt

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Cette fiche technique est
présentée par le fabricant

4K Docking Station for Laptops - DP and HDMI - USB 3.0

Product ID: USB3DOCKHDPC

The USB 3.0 4K Laptop Docking Station lets you create a high-resolution, 4K Ultra HD workstation in your office or at home. 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, and several other vital connections to your laptop.

It's the perfect accessory for laptops and Ultrabooks, as well as your Microsoft Surface™ Pro 4, Surface Pro 3, Surface 3, Surface Pro 2 or Surface Book.

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 - 30Hz) 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 Configuration	Max DisplayPort Resolution	Max HDMI Resolution
DisplayPort (Single Display)	3840 x 2160p (4K)	N/A
HDMI (Single Display)	N/A	2560 x 1440p
DisplayPort and HDMI (Two Displays)	2048 x 1152p	2048 x 1152p

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.

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® or Mac 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.

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®, MacBook 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 workstation that's organized and clutter-free. The dock is perfect for hoteling in shared workspaces, or for hot desks.

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.

Universally Supported

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 USB3DOCKHDPC is backed by a StarTech.com 3-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

RoHS Compliant
Available

CE

DisplayLink
Plug and Display™

FC

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 for hoteling, or a hot desk for guests, customers, and colleagues
- 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
- 4x total USB 3.0 downstream ports with UASP support (1x side port USB Battery Charging Specification 1.2 compliant, and 3x rear ports)
- Universal compatibility, works with virtually all USB 3.0 equipped laptop brands
- 3.5mm 4-position TRRS headset port - audio/microphone
- Compatible with USB-enabled laptops and Windows based tablets, such as the Microsoft Surface Pro 4 and Surface Book
- 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
- Supports Windows, Mac, and Chrome OS

Hardware	Warranty	3 Years
	4K Support	Yes
	Bus Type	USB 3.0
	Chipset ID	DisplayLink - DL-5900 (Display, LAN, Audio) VLI - VL812 (USB 3.0 w/ Charge)
	Displays Supported	2
	Fast-Charge Port(s)	Yes
	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
Performance	Auto MDIX	Yes
	Compatible Networks	10/100/1000 Mbps
	Full Duplex Support	Yes
	Maximum Data Transfer Rate	5 Gbps (USB 3.0) 2 Gbps (Ethernet; Full-Duplex)
	Maximum Digital Resolutions	3840x2160 @ 30Hz / 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
Connector(s)	Connector Type(s)	1 - DisplayPort (20 pin) Female
		1 - HDMI (19 pin) Female
		1 - USB 3.0 A (Fast-Charge, 9 pin, SuperSpeed) Female
		3 - USB Type-A (9 pin) USB 3.0 Female
		1 - RJ-45 Female
		1 - 3.5 mm Mini-Jack (4 Position) Female
		1 - USB Type-B (9 pin) USB 3.0 Female
		1 - Security Lock Slot Female
Software	OS Compatibility	Windows® 7, 8, 8.1, 10 Mac OS® 10.8 to 10.12 Chrome OS v55+

Special Notes / Requirements	System and Cable Requirements	DisplayPort display must support 4K resolutions
		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)
Indicators	LED Indicators	1 - Link (Green)
		1 - Activity (Yellow)
Power	Input Current	1.5 A
	Input Voltage	100 ~ 240 AC
	Output Current	6.5 A
	Output Voltage	5 DC
	Power Consumption (In Watts)	32.5
	Power Source	AC Adapter Included
Environmental	Humidity	90% RH
	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Storage Temperature	-10°C to 80°C (14°F to 176°F)
Physical Characteristics	Cable Length	0.6 m [2 ft]
	Color	Black
	Enclosure Type	Steel and Plastic
	Product Height	24 mm [0.9 in]
	Product Length	227 mm [8.9 in]
	Product Weight	277 g [9.8 oz]
	Product Width	76 mm [3 in]
Packaging Information	Shipping (Package) Weight	1.1 kg [2.5 lb]
What's in the Box	Included in Package	1 - USB 3.0 Laptop Docking Station
		1 - 2ft USB 3.0 Cable
		1 - Universal Power Adapter
		4 - Power Cords (NA/JP, EU, UK, ANZ)
		1 - Driver CD
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.