

# Why should you switch to a USB-C hub with a touchscreen for monitoring devices?

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Chances are you own or use a USB-C hub, dongle, or adapter to connect to your favorite devices and accessories. The switch to USB-C created a single connection standard, but it also marked the beginning of dongle usage for many people. If you use USB-A accessories, take photos or videos, or frequently connect to external displays, the built-in ports on your laptop or tablet may not meet your needs. That's why USB-C hubs and docks are so common these days, but what if there was a device that offered something special?

One person has been testing the Dockcase Studio 8-in-1 USB-C hub for over a year (using a sample provided by Dockcase), and it's a premium option that delivers on all expectations. It supports all the connectivity specifications you'd expect from a content creation-focused device, but its standout feature isn't about ports or cables. This USB-C hub is unique because it offers a 1.9-inch smart touchscreen that can manage the device, display key diagnostics, and assist with troubleshooting. Even if you don't use this hub daily, it will still prove to be an incredibly important part of your toolkit.

**The screen is not just a gimmick.**

**This 1.9-inch touchscreen is a breakthrough in diagnostics.**



At this point, you might be wondering why a USB-C hub needs a screen. The truth is, the 1.9-inch touchscreen on the Dockcase Studio proves useful in many situations. It can be used to test the speed and power delivery of USB-C cables, check monitor specifications, and monitor the temperature of your memory card. The screen provides additional detailed information for each port and connected device you plug into the Dockcase Studio.

It's impressive how much information Dockcase Studio can provide in such a compact device. For example, when you plug the USB-C hub into a host device and an HDMI monitor, you can tap the HDMI tab on the home monitor to display detailed monitor information. This includes the monitor manufacturer, model number, manufacturing date, resolution, and refresh rate. You could find similar information by looking through your computer or monitor settings, but it wouldn't be as straightforward.

Dockcase Studio is most effective in situations where you frequently troubleshoot and diagnose problems. If you enjoy tinkering with and assembling NAS servers or single-board computers (SBCs), owning a USB-C diagnostic hub that can quickly display detailed information about your project will be very useful. The same applies to IT managers, tech enthusiasts, and other professionals who need to solve everyday technology issues.

USB-C uses complex communication and charging protocols, making it difficult to figure out which protocol your device supports. With a display-based device like the Dockcase Studio, things become much simpler. You can view USB data and Power Delivery specifications for your cable or device directly on the USB-C hub's screen. The best feature is definitely the temperature sensor, which lets you monitor if your memory card or SSD is overheating during data transfer.

**This is also a versatile USB-C hub!**

**There's even a version with an integrated SSD.**



This USB-C hub is specifically aimed at photographers, with memory card slots supporting various media types. Specifically, it supports CFExpress, SD, and TF memory cards. For the general user, this dock offers one USB-A port, two USB-C ports, and an HDMI port. It doesn't have the most diverse range of ports – certainly some people would like to see Thunderbolt support or more USB-A ports here – but that's because the standout feature of this dock is its display.

The connectivity options are quite impressive, with one of the USB-C ports capable of delivering 100W of power to charge other devices. Additionally, the USB-C hub supports resolutions up to 4K at 120Hz, 5K at 60Hz, or 8K at 30Hz, giving users plenty of choices. It's compatible with Windows, macOS, Android, Linux, and iPadOS, so it will work with almost any computer you own.

Although the prototype doesn't support this feature, there is a Dockcase Studio model with an M.2 enclosure compatible with 2230 or 2242 SSDs up to 2TB. That model adds active cooling fans to keep the SSD operating at optimal temperatures, and it's a more comprehensive option. You can purchase it when the time comes to expand your laptop's storage capacity.

## **Who needs a USB-C hub with a display?**

**Any content creator, IT professional, or tech enthusiast could benefit from such a device.**



Of course, there are other USB-C hubs with screens on the market, although they are quite rare. You can find other devices with similar functionality that better suit your USB-C hub needs if you choose the right port. Really, the surprising experience with the Dockcase Studio isn't just about this particular accessory, but about the prospects of USB-C hubs with screens in general. It's the kind of feature that makes you wonder why it exists.

Then, once you start using it, things become clearer. If you've never wondered about the exact manufacturing date of your monitor, why your USB cable is slower than expected, or how hot your memory card gets, you can safely skip buying a USB-C hub with a display. However, if you're passionate about all kinds of data or frequently waste time troubleshooting IT issues, then a USB-C hub with a display can really be useful.

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