

Hyper GEN2 12-in-1 USB-C Hub

Hyper Drive GEN2 12-in-1 USB-C Docking Station User Manual

Model: GEN2 12-in-1 USB-C Hub

INTRODUCTION

The Hyper Drive GEN2 12-in-1 USB-C Docking Station is designed to expand the connectivity of your USB-C enabled laptop or tablet. This docking station provides a comprehensive solution for connecting multiple peripherals, external displays, and power delivery through a single USB-C port. It supports high-speed data transfer, multiple 4K video outputs, and efficient power charging for enhanced productivity.

PRODUCT FEATURES

The Hyper Drive GEN2 12-in-1 USB-C Docking Station offers a wide array of ports and capabilities:

- **Dual HDMI 4K60Hz HDR:** Connect up to two external displays with stunning 4K resolution at 60Hz, supporting High Dynamic Range (HDR) for vibrant visuals.
- **DisplayPort 4K60Hz:** Connect an additional external display via DisplayPort, also supporting 4K resolution at 60Hz.
- **USB-C Power Delivery (PD) 100W:** Charge your host laptop or tablet with up to 100W of power through the dedicated USB-C PD port.
- **2x USB-A 10Gbps (USB 3.1 Gen 2):** Experience ultra-fast data transfer speeds for compatible USB-A devices.
- **2x USB-A 2.0:** Connect standard USB peripherals such as keyboards, mice, or printers.
- **Gigabit Ethernet:** Enjoy stable and high-speed wired network connectivity.
- **MicroSD UHS-II (300MB/s):** Fast data transfer for MicroSD cards, ideal for photographers and videographers.
- **SD UHS-II (300MB/s):** Fast data transfer for standard SD cards.
- **3.5mm Audio Jack:** Connect headphones or speakers for audio output.



Figure 1: Front view of the Hyper Drive GEN2 12-in-1 USB-C Hub, highlighting MicroSD, SD, 3.5mm Audio, and two USB-A 10Gbps ports.



Figure 2: Rear view of the Hyper Drive GEN2 12-in-1 USB-C Hub, highlighting USB-C Power Delivery, Gigabit Ethernet, DisplayPort, two HDMI, and two USB-A 2.0 ports.

SETUP GUIDE

- 1. Connect to Host Device:** Plug the integrated USB-C cable from the docking station into an available USB-C port on your laptop or tablet. Ensure the USB-C port on your host device supports DisplayPort Alternate Mode (Alt Mode) and Power Delivery for full functionality.
- 2. Power Connection (Optional but Recommended):** For optimal performance and to charge your host device, connect your laptop's USB-C power adapter to the USB-C PD port on the docking station. The docking station supports up to 100W power delivery.
- 3. Connect External Displays:**
 - Connect your HDMI monitors to the HDMI ports on the docking station.
 - Connect your DisplayPort monitor to the DisplayPort on the docking station.

Note: For macOS, only one extended display is supported with the same image on all external displays at 4K60Hz. Windows/Chrome OS supports Multi-Stream Transport (MST) for up to three extended displays.

- 4. Connect Peripherals:** Plug your USB devices (keyboard, mouse, external drives), Ethernet cable, and audio

devices into the corresponding ports on the docking station.



Figure 3: Laptop connected to the docking station and a power adapter for charging.



Figure 4: A typical setup showing a laptop connected to the docking station with multiple peripherals and external displays.

OPERATING INSTRUCTIONS

Display Modes

The docking station supports various display configurations depending on your operating system:

- **macOS:** Supports one extended display with the same image mirrored across all external displays at 4K60Hz. macOS does not support Multi-Stream Transport (MST) for independent extended displays.
- **Windows/Chrome OS:** Supports Multi-Stream Transport (MST), allowing for up to three extended displays with independent content at 4K60Hz.

MULTIPLE DISPLAY MODES

MacOS

Mac OS DOES NOT support MST (Multi Stream Transfer)
So it will show one extended display with the same image on all external displays at 4K60Hz.

Mirror Mode



Extended Mode



Windows

Windows/Chrome OS supports MST (Multi-Stream Transport)
And will support 3 extended displays.

Mirror Mode



Extended Mode



Figure 5: Illustration of display modes for macOS (mirror mode) and Windows (mirror and extended modes) using the docking station.

Data Transfer and Power Delivery

- **USB-A 10Gbps Ports:** Use these ports for high-speed data transfer with compatible external hard drives, SSDs, or other USB 3.1 Gen 2 devices.
- **USB-A 2.0 Ports:** Ideal for connecting standard peripherals like keyboards, mice, or USB flash drives where high-speed data transfer is not critical.
- **SD/MicroSD Card Slots:** Insert your memory cards for quick access and transfer of photos and videos at up to 300MB/s (UHS-II speeds).
- **USB-C PD Port:** Connect your laptop's power adapter to this port to charge your laptop while using the docking station. This port also supports data transfer.

Your browser does not support the video tag.

Video 1: Official overview of the HyperDrive GEN2 USB-C Hub, demonstrating its speed, power, and various port functionalities.

MAINTENANCE

- Keep the docking station in a clean, dry environment.
- Avoid exposing the device to extreme temperatures or direct sunlight.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure proper ventilation around the device to prevent overheating.

TROUBLESHOOTING

No display output or flickering screen:

- Ensure your host device's USB-C port supports DisplayPort Alt Mode.
- Check all cable connections (USB-C to host, HDMI/DP to monitors).
- Try a different HDMI or DisplayPort cable.
- Verify your monitor input settings are correct.
- For macOS, remember that only one extended display is supported, with other external displays mirroring the extended one.

USB devices not recognized:

- Reconnect the USB device to the docking station.
- Try a different USB port on the docking station.
- Ensure the docking station is properly connected to your host device.
- If using high-power USB devices, ensure the docking station is connected to a power source via its USB-C PD port.

Laptop not charging:

- Ensure your laptop's original USB-C power adapter is connected to the USB-C PD port on the docking station.
- Verify that your laptop supports USB-C Power Delivery.
- Check the power adapter and cable for any damage.

SPECIFICATIONS

Feature	Specification
Model	GEN2 12-in-1 USB-C Hub
Brand	Hyper
HDMI Ports	2x HDMI 4K60Hz HDR
DisplayPort	1x DisplayPort 4K60Hz
USB-C PD Port	1x USB-C Power Delivery 100W
USB-A Data Ports	2x USB-A 10Gbps (USB 3.1 Gen 2), 2x USB-A 2.0
Ethernet	1x Gigabit Ethernet
Card Readers	1x MicroSD UHS-II (300MB/s), 1x SD UHS-II (300MB/s)
Audio Jack	1x 3.5mm Audio Jack
Compatible OS	macOS, Windows, Chrome OS

Feature	Specification
Item Weight	480.8 Grams
UPC	817110014519

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Hyper website or contact their customer service. Keep your purchase receipt for warranty claims.

Online Support: www.hyper.com/support