



USB TYPE-C 10Gbps 5-PORT HUB



HB-TG5P / USER MANUAL

FEATURES

- Multi-port USB hub with power delivery and HDMI video output
- 2x 10Gbps (USB 3.2 Gen 2x1) Type-A and 2x 10Gbps Type-C USB ports
- 1x Power Delivery USB Type-C input port for up to 90W delivery (PD 3.0)
- 1x HDMI 2.0 display port for output up to 4096x2160@60Hz (4K@60Hz)
- HDCP 1.4/2.2/2.3 and HDR10/HDR10+/Dolby Vision/HLG support
- Portable and backward compatible for convenience with BC1.2 support

Note: The host must support the DisplayPort Alternate Mode feature for display output.

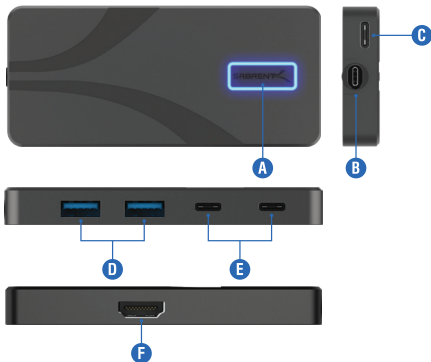
SUPPORTED OPERATING SYSTEMS

- Windows
- macOS
- Linux

PACKAGE CONTENTS

- USB Type-C 10Gbps 5-Port Hub

PRODUCT OVERVIEW

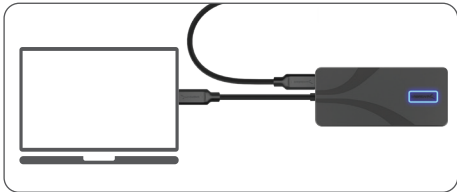


- A.** Power button and status LED
- B.** Integrated USB Type-C cable (60cm)
- C.** Single (1) Power Delivery (PD 3.0) USB Type-C input port
- D.** Dual (2) 10Gbps (USB 3.2 Gen 2x1) Type-A ports
- E.** Dual (2) 10Gbps Type-C ports
- F.** Single (1) HDMI 2.0 display output port

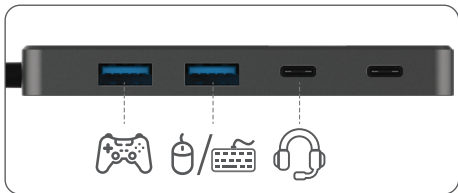
GETTING STARTED



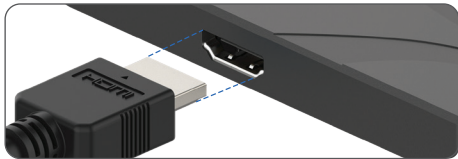
Step 1. If applicable, plug in the desired power source to the USB hub and any power sources to intended USB devices that may require their own power source(s).



Step 2. Plug the USB hub into the host system. The host system may take some time to recognize the hub.



Step 3. Plug in any and all USB devices, one by one. Ensure any required drivers for the devices are installed beforehand. The host system may take some time to recognize newly-attached devices.



Step 4. If desired, attach an HDMI cable from the hub to an external display for video output. The maximum display settings, including resolution, depend on hardware support. For modes other than mirror the host system must support the MST feature.

Note: If planning to use the HDMI display output port, ensure the host supports the DisplayPort Alternate Mode feature. For full display output modes, such as extended, the host must also support MST.

FREQUENTLY ASKED QUESTIONS

Q. How much power can this hub deliver?

A. This hub conforms to the Power Delivery 3.0 (PD 3.0) standard and can deliver up to 100W, however 10W is reserved for the hub itself. This allows for up to 90W of power delivery to the host device. The hub's USB ports can deliver power by the USB specification, such as battery charging 1.2 (BC1.2) at 5V/1.5A for 7.5W if the device supports.

Q. How should this hub be operated?

A. As with all electronics, the hub should be kept away from contact with any liquid. Avoid overly dry or overly humid environments. Also avoid below-freezing temperatures or direct sunlight in very hot environments. The hub should not be operated while free hanging and it's best to avoid bending the integrated cable unnecessarily or for a prolonged period of time. Always be careful when plugging/unplugging cables and devices.

Q. Are there any extra operating details for this hub?

A. While the hub supports hot-plug functionality, allow for up to at least 10 seconds for any connection to be recognized. Devices requiring their own power source should be connected to that source prior to being used with the hub. When not in use, store the hub in a dry place.

Q. Any additional video/display output caveats?

A. Hosts require DisplayPort Alternate Mode support. HDMI 1.4b, 2.0b, and DP 1.4a supported with embedded arbitrary EDID. Hosts with DP 1.4 support can output at the full listed resolution while DP 1.2 hosts can only output up to 3840x2160@30Hz. Non-mirrored display modes require the host to have MST support.



FOR HELP, COMMENTS, QUESTIONS OR CONCERNS
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