

Welcome Guide

QZ USB 4.0 Hub, 40 Gbps bandwidth, 6 in 1 USB 4.0 Dock with Power Delivery PD 100W, HDMI 8K/60Hz, USB 10 Gbps, Ethernet 2.5 Gbps, Compatible with USB 4.0 based PC, Laptop and Phones, Thunderbolt 4/3, USB-C hosts with DP-Alt Mode
QZ-HB82



Introduction

QZ offers the most advanced next generation USB 4.0 hub for your modern laptop, high-tech workstation. With a massive 40 Gbps bandwidth it is a powerful, efficient, and versatile I/O solution for



video, data, power and Ethernet. You can simultaneously display media in 8K and transfer files at up to 10 Gbps.

The HDMI port supports media display at resolutions up to 8K 60Hz, keeping every incredible moment detailed and ultra-vivid. Two USB ports and one USB-C port support max 10 Gbps data transmission. RJ45 supports max 2.5 Gbps bandwidth.

USB-C port supports Power Delivery max 100W for charging. Though the hub draws power from the host USB, it is recommended to use 100W power charger (charger is not included) for smooth operation. The hub uses 15W power for functioning itself, the rest 85W is passed through to charge the host.

It is designed for USB 4.0 based PC, Laptop and Phones. Also compatible with Thunderbolt 4/3 and any USB-C host with DP-Alt Mode support.

Package Content

QZ Computer USB 4.0 40 Gbps 6-Port Hub

Features

- QZ offers the most advanced next generation USB 4.0 hub for your modern laptop, high-tech workstation. With a massive 40 Gbps bandwidth it is a powerful, efficient, and versatile I/O solution for video, data, power and Ethernet. You can simultaneously display media in 8K and transfer files up to 10 Gbps.
- 8K Stunning Display: The HDMI port supports media display at resolutions up to 8K 60Hz, keeping every incredible moment detailed and ultra-vivid.
- USB 10 Gbps, Ethernet RJ45 2.5 Gbps: USB x 2 ports and USB-C x 1 port support max 10 Gbps transfer speed. Backward compatible with USB 3.2, USB 3.0 and USB 2.0 at their native speeds. RJ45 supports max 2.5 Gbps bandwidth
- 100W Power Delivery: USB-C port supports Power Delivery max 100W for charging. Though the hub draws power from the host USB, it is recommended to use 100W power charger (charger is not included) for smooth operation. The hub uses 15W power for functioning itself, the rest 85W is passed through to charge the host.
- Compatible with USB 4.0 based PC, Laptop and Phones. Also compatible with Thunderbolt 4/3 and any USB-C host with DP-Alt Mode support.



Questions? We're here to help!

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Specifications

Upstream	USB 4.0 (to Host) x1
Downstream	HDMI x1 8K/60Hz USB-C Gen 2 10 Gbps x1 USB-A Gen 2 10 Gbps x2 RJ45 x1 2.5G Ethernet Type-C PD Charging x1
USB4 x1 (to host)	
<ul style="list-style-type: none"> * Supports USB4 Specification with max 40Gbps bandwidth * Compliant USB4 Gen3 (40Gbps), USB4 Gen2 (20Gbps) and backwards compatible USB3.2, USB 3.0, USB2.0 * Compliant DP1.4 alt mode with max 32.4Gbps * Supports positive and negative connection 	
HDMI x1	
<ul style="list-style-type: none"> * Supports max 8k/60Hz video output * Supports High Dynamic Range(HDR10+) * Supports multiple color formats: RGB; YCbCr4:4:4; YCbCr4:2:2;YCbCr4:2:0 * Supports 8/10/12 bit Color depth. Support HDCP2.3 and HDCP1.4 <p>Note: Actual video output resolution depends on the connected host and displays. If the host supports DP1.4 Alt mode, the output can be up to 8K/60Hz; If the host only supports DP1.2 Alt mode, the output will only be supported up to 4K/60Hz.</p>	
USB C 10G x 1	
<ul style="list-style-type: none"> * Max 10 Gbps data transmission * Support max 5V/1.5A downstream charging * Support short-circuit, over-current, over-voltage protection 	
USB-A 10G x 2	
<ul style="list-style-type: none"> * Max 10Gbps data transmission * A port (closer to RJ45) supports max 5V/1.5A charging, Another port support max 900mA charging 	

- * USB-C and 2 USB-A ports share max 2.4A (24W) downstream charging
- * Support short-circuit, over-current, over-voltage protection

Type-C PD Charging x1

- * Support PD3.0 with max 100W PD Charging
- * The hub uses 15W power for functioning itself, the rest 85W is passed through to charge the host.
- * Support fast role swap of PD3.0, the connected device will not get disconnected while plugging out PD Adapter.

RJ45 x1

- * Support 10M/100M/1000M/2.5G bandwidth
- * Supports twisted pair crossover detection and auto-correction
- * Support WOL(Wake-On-LAN), Full Duplex flow(10M/100M/1G/2.5G Rate), Auto-Negotiation
- * Light indicator: no light when no Internet connected, orange light turns on when network connection is established, green light flashes when transmitting data.

Warranty

QZ offers 12 month limited warranty on all its products.

Visit here for more information <https://www.qzonline.in/warranty-and-return-policy/>