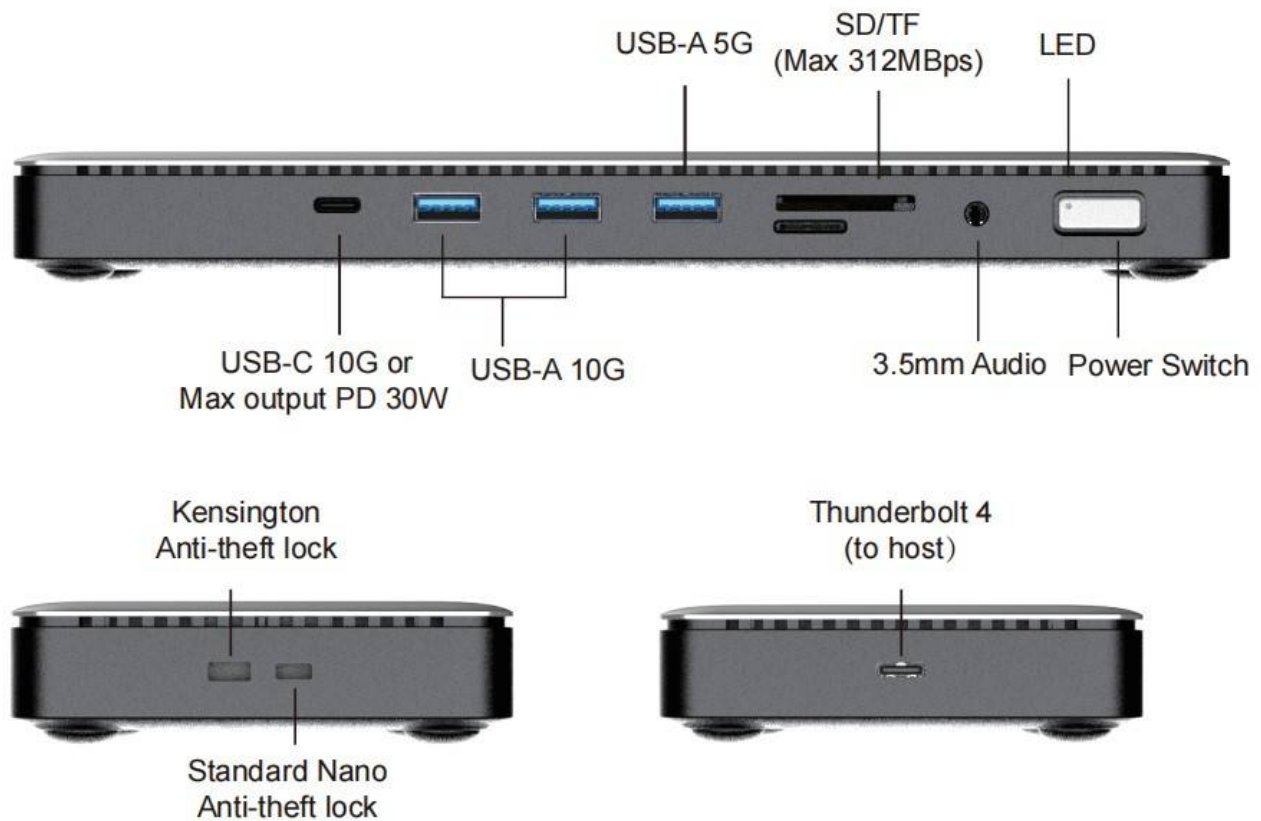
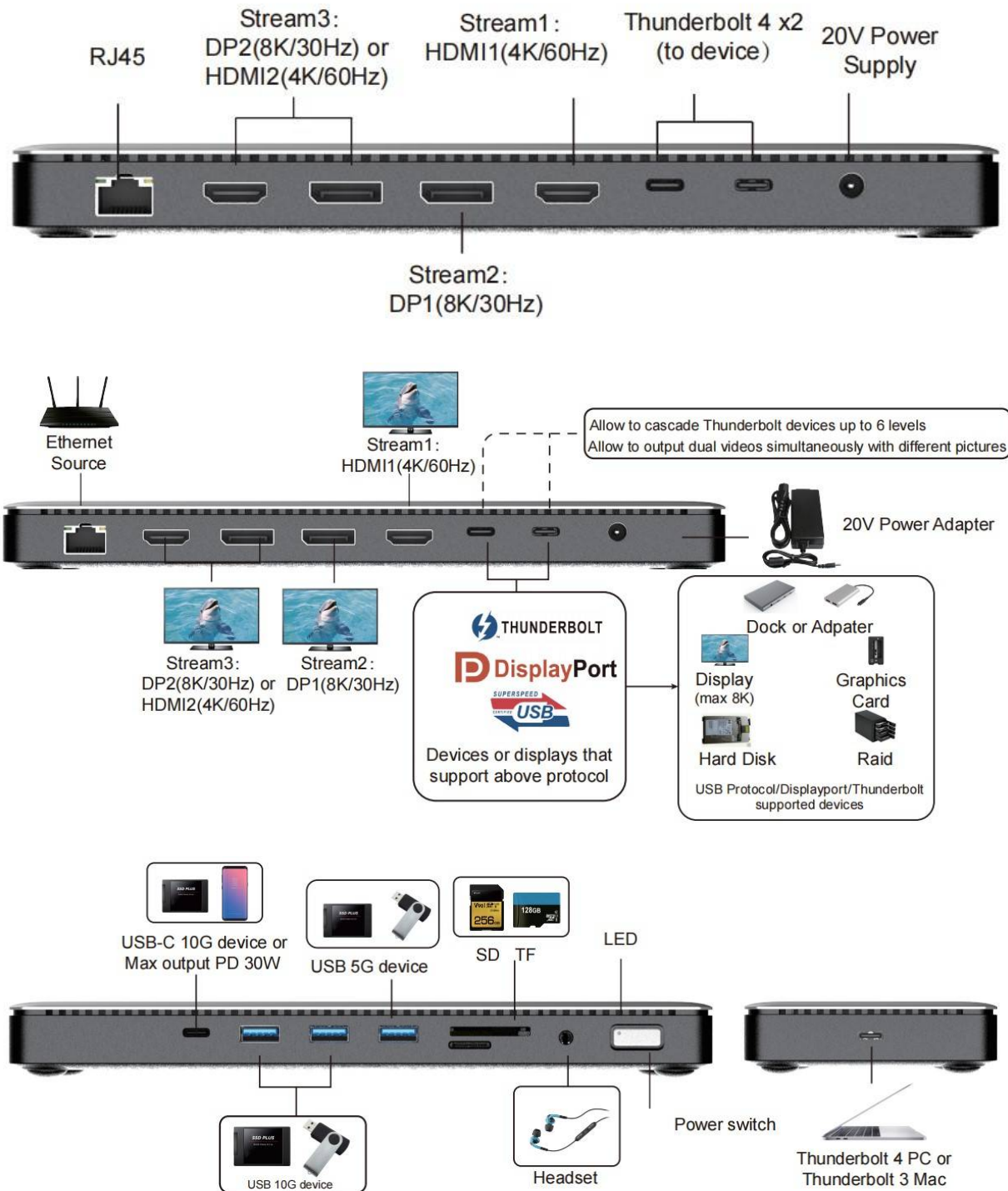


Welcome Guide

QZ Thunderbolt 4 Hub, 40 Gbps bandwidth, Thunderbolt Certified 15 in 1 Dock with Triple Display, Single 8K/60Hz, Dual 4K/60Hz or Triple max 4K/60Hz, Thunderbolt 4, HDMI, DisplayPort, USB 10 Gbps, USB 5 Gbps, USB-C Power Delivery, SD/Micro SD Card Reader, Ethernet 2.5 Gbps, Audio 3.5 mm, 20V 150W DC power Compatible with Thunderbolt 4 / USB 4 based PCs, Thunderbolt 3 based Macs with Mac OS 11+ QZ-HB91





Introduction

QZ offers the most advanced next generation Thunderbolt 4 dock for your modern laptop, high-tech workstation. Certified by Thunderbolt, it is driven by a powerful, efficient and versatile I/O solution (Goshen Ridge Chipset) with a massive bandwidth of 40 Gbps. You can simultaneously display media in 8K and transfer files at up to 10 Gbps. Thunderbolt 4 port allows cascading of Thunderbolt devices up to 6 levels, to one 8K or two 4K/60Hz monitors. Take your productivity to the next level by splitting your work across three external monitors. Connect 3 displays with max 4K/60Hz x 2 + 4K/30Hz output simultaneously with different picture in Thunderbolt 4/USB 4 Windows PC.

The QZ dock is externally powered by a 20V 150W DC power supply adapter (included in the package) to ensure adequate power to the dock and to the host for uncompromised video quality and uninterrupted operation. The DC power adapter supply max 96W for host or max 140W for host and Dock. The dock supports smart power function which enables distribution of power according to the consumption of the connected devices, making full use of the external power supply.

RJ45 supports max 2.5 Gbps bandwidth. SD4.0/micro SD (TF) 4.0 with max 312 MBps, support 2 card slots to work simultaneously. 3.5mm Audio JACK Support Stereo output and microphone input. USB ports support max 10 Gbps data transmission. Type-C PD port support max 10 Gbps data transmission or max 30W power charging for mobile phone.

The dock is designed for Thunderbolt 4 / USB 4 based PCs, Thunderbolt 3 based Macs with Mac OS 11 or later versions and DP-Alt-mode enabled Windows USB-C hosts - Apple MacBook Pro (M1 Pro/Max, M2 Pro/Max, M3 Pro/Max), Dell Alienware / Chrome Enterprise / G-Series / Inspiron / Latitude / Precision / Vostro / XPS, Acer Aspire 5 Intel / Aspire 5 Spin 14 / Aspire 7 Intel, HP Envy / ProBook / EliteBook / Omen / Pavilion / Zbook, Microsoft Surface Laptop / Surface Laptop Studio / Surface Pro 9 / Surface Book, Lenovo ThinkPad / Legion / ThinkBook / Yoga / IdeaPad, Framework Laptop 13 (Intel)

Note: Video capabilities are dependent on the host. In Mac systems, dual display is only supported on M1 Pro/Max, M2 Pro/Max, and M3 Pro/Max systems. Base models M1, M2, and M3 systems only support one extended display.

Package Content

QZ Computer Thunderbolt 4/USB 4 40 Gbps 15-Port Hub

DC Power Adapter 150W

Thunderbolt 4 certified cable 0.8 meter

Features

- QZ offers the most advanced next generation Thunderbolt 4 dock for your modern laptop, high-tech workstation. Certified by Thunderbolt, it is driven by a powerful, efficient and versatile I/O solution (Goshen Ridge Chipset) with a massive bandwidth of 40 Gbps. You can simultaneously display media in 8K and transfer files at up to 10 Gbps.
- Thunderbolt 4 x 2 ports: supports max 40 Gbps for high speed data and outstanding video transfer, support max 8K or dual 4K/60Hz video, cascade Thunderbolt devices up to 6 levels, compatible with Thunderbolt 4 / USB 4 based PCs, Thunderbolt 3 based Macs with Mac OS 11 or later versions and DP-Alt-mode enabled Windows USB-C hosts.
- Triple Display: Take your productivity to the next level by splitting your work across three external monitors. The dock features DPx2, HDMIx2. DPx2: support up to 8K/30Hz, 4K 60/120/144Hz, 1080P 60/120/144/240Hz. HDMIx2: support 4K 30/60Hz, 1080P 60/120/144/240Hz. Max 3 video streams supported simultaneously. Max one 8K/30Hz or two 4K/60Hz or three 4K/60Hz+4K/60Hz+4K/30Hz with different pictures in MST mode on windows system. Video capabilities are dependent on the host.
- USB x 2 ports with max 10Gbps: USB-C x 1 port with max 10Gbps and PD 30W; USB 3.0 x1 port with max 5 Gbps; RJ45 supports max 2.5 Gbps bandwidth. SD4.0/micro SD (TF) 4.0 with max 312 MBps, support 2 card slots to work simultaneously. 3.5mm Audio JACK support Stereo output and microphone input.
- The QZ dock is externally powered by a 20V 150W DC power supply adapter (included in the package) to ensure adequate power to the dock and to the host for uncompromised video quality and uninterrupted operation. The DC power adapter supply max 96W for host or max 140W for host and Dock. The dock supports smart power function which enables distribution of power according to the consumption of the connected devices, making full use of the external power supply.

Specifications

Upstream	Thunderbolt 4 Female x1 (to host)
Downstream	Thunderbolt 4 Female x2 DP x2 HDMI x2 USB-C x1 (10 Gbps or PD 30W output)

	USB-A x2 (10 Gbps) USB-A x1 (5 Gbps) SD/micro SD (TF) 4.0 x1 RJ45 x1 (2.5 Gbps) 3.5mm Audio JACK x1(384KHz) Power Jack x1(150W)
Thunderbolt 4 Female (to host)	
* Goshen Ridge solution with max 40Gbps for high speed data and outstanding video transfer * Support Thunderbolt 4 / USB 4 based PCs, Thunderbolt 3 based Macs with Mac OS 11 or later versions and DP-Alt-mode enabled Windows USB-C hosts. * Support max 96W, 5V/9V/15V@3A, 20V@4.8A Host charging	
Thunderbolt 4 downstream port x2	
* Support Thunderbolt 4 up to 40Gbps, compatible with Thunderbolt 3, USB4, DP Alt mode enabled USB-C host * Allow you to cascade Thunderbolt devices up to 6 levels * Support max 8K or dual 4K/60Hz video * Each Thunderbolt 4 port supports 15W downstream charging for connected devices * Does not support PD charging	
Video : DPx2, HDMIx2	
DPx2 :	
* Support up to 8K/30Hz, 4K 60/120/144Hz, 1080P 60/120/144/240Hz * Support x1/2/4 lane configuration and 8.1G/5.4G/2.7G/1.62 Gbps per lane * Support HDCP v1.4/2.2 * Support HDR * Support RGB, YCC444, YCC422, YCC420 * Support 6/8/10/12 bit color depth	
HDMIx2:	
* Support 4K 30/60Hz, 1080P 60/120/144/240Hz ; * Support HDCP v1.4/2.2	

- * Support HDR
- * Support RGB, YCC444, YCC422, YCC420
- * Support 8/10/12 bit deep color

Stream1: HDMI (adjacent to the Thunderbolt 4 downstream port)

Stream2: DisplayPort

Stream3: HDMI or DisplayPort (adjacent to RJ45)

Max 3 video streams supported simultaneously. Max one 8K/30Hz or two 4K/60Hz or three 4K/60Hz+4K/60Hz+4K/30Hz with different pictures in MST mode on windows system. Video capabilities are dependent on the host.

USB-C PD & Data x1

- * Max 10Gbps data transmission, downward compatible with lower versions USB 3.0
- * Support PD3.0 max 30W output charging for the mobile phone
- * Support 5V/3A, 9V/3A, 15V/2A, 20V/1.5A output

USB3.2 Type-A Gen2 x2

- * Max 10Gbps data transmission, downward compatible with lower versions USB 3.0, 2.0 at their native speeds
- * The port adjacent to the USB-C port supports max 1.5A downstream charging, Other port supports max 900mA downstream charging

USB3.2 Type-A Gen1 x1

- * Max 5 Gbps data transmission
- * Max 900mA downstream charging

SD4.0/micro SD (TF) 4.0

- * SD/micro SD (TF) supports SD4.0 with max 312MBps
- * Support 2 card slots to work simultaneously

RJ45 x1

- * Support 10M/100M/1000M/2.5G bandwidth
- * Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz. support IEEE 802.3az-2010(EEE), IEEE 802.1P, IEEE 802.1Q, IEEE 802.3x
- * Support Wake-On-LAN
- * LED indicator: 1) No light: power off. 2) Orange: power on. 3) Blue: Host connection OK.

3.5mm Audio JACK x1

- * Supports 16/24/32-bit、 8/16/22.05/24/32/44.1/48/96/176.4/ 192/384KHz Sample Rate
- * Support Stereo output and microphone input
- * Automatic detection switch to CTIA/MTP mode

DC Power Jack x1

- * Support **smart charging**, dynamically distribute power to PC and Hub as demanded by the connected devices
- * 20V 150W DC power supply.
- * Max 140W power for host and the dock
- * Max 96W for host charging

Power Switch & Power indicator LED

- * The LED is bright orange when the product is powered on and bright blue when the product is connected to the host.

Warranty

QZ offers 12 month limited warranty on all its products.

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