



Thunderbolt 5 Dock User Manual 14-in-1

IN THE BOX:

Thunderbolt 5 Dock x 1

Thunderbolt 5 Cable 1m x 1

180W Power Adapter with AC Cable x 1

User Manual x 1

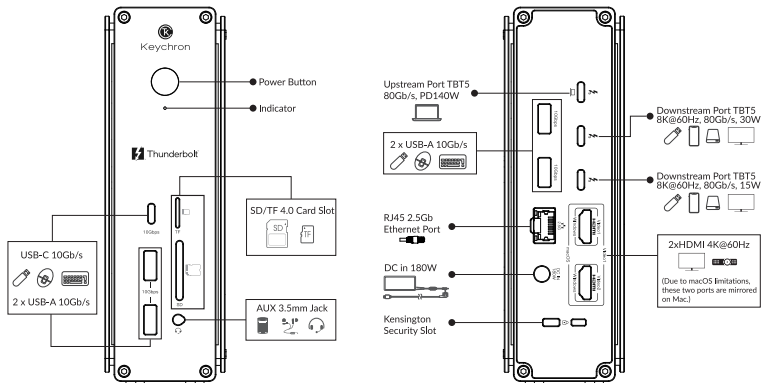
KEYCHRON THUNDERBOLT 5 DOCK SPECIFICATIONS

- Number of ports: 14
- Input:
 - 1 × Thunderbolt 5: 80Gb/s (Bandwidth Boost up to 120Gbps), PD 3.1 up to 140W
- Output:
 - 1 × TBT5: Support up to 8K@60Hz, 80Gb/s, 30W
 - 1 × TBT5: Support up to 8K@60Hz, 80Gb/s, 15W
 - 2 × HDMI 2.1: Support up to 4K@60Hz
 - 4 × USB-A: USB 3.2 Gen 2, 10Gb/s
 - 1 × USB-C: USB 3.2 Gen 2, 10Gb/s
 - 1 × RJ45: 2.5Gb Ethernet, backward compatible 1G/100M network
 - 2 × SD/TF 4.0 UHS-II: Maximum transmission rate 312MB/s
 - 1 × 3.5mm Combo Jack: Audio/Mic, 24-bit/192kHz
 - 1 × DC in: 180W Power Adapter, DC5.5 Jack
- Appearance material: aluminum alloy
- Supported OS: Windows 7/8/10/11, macOS 10.12 or later

Operating Environment: Temperature 0 to 40°C; Humidity 20% to 85% (no condensation)

Storage Environment: Temperature -20 to 45°C; Humidity 10% to 90% (no condensation)

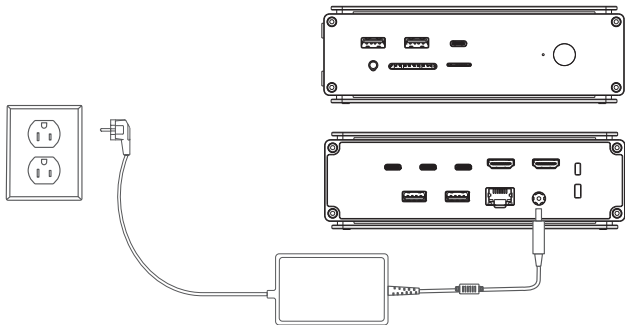
KEYCHRON THUNDERBOLT 5 DOCK PRODUCT FEATURES



Instructions

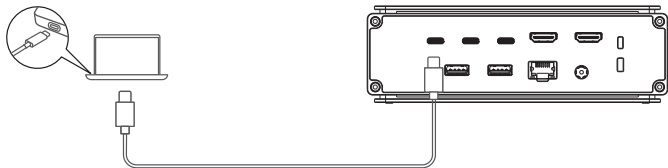
Step1. Connect the power supply

Use the power adapter that comes with the Docking Station and plug it into the DC port.
The indicator light will switch to green.



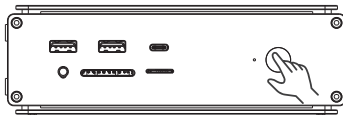
Step2. Connect to your computer

Connect the Docking Station's Thunderbolt 5 upstream port to your computer via Thunderbolt 5 cable. The indicator light will switch to blue.



Step3. Observe whether the indicator light of the product is normal.

The indicator light of the product is on, and the next operation can be started after a while. When not in use, it is recommended to press the button to turn off the power.



Video Resolution

Windows:

System	Resolution Video	Video 1 TBT5 	Video 2 TBT5 	Video 3 HDMI 	Video 4 HDMI 
Windows	Single/Dual	8K@60Hz	8K@60Hz	4K@60Hz	4K@60Hz
	Triple	4K@60Hz	4K@60Hz	4K@60Hz	/
			4K@60Hz	/	4K@60Hz
			/	4K@60Hz	4K@60Hz
	Quad	4K@60Hz	4K@60Hz	4K@60Hz	4K@60Hz

Notes:

1. This product is not recommended for Thunderbolt 3 Windows laptops, as compatibility may vary by model. Specific video output specifications may vary slightly based on the laptop's model and performance.
2. The specifications marked in the diagram represent their theoretical maximums.

macOS:

System	Resolution Video	Video 1 TBT5 	Video 2 TBT5 	Video 3 HDMI 	Video 4 HDMI 
macOS M1/M2/M3 Pro/ Max and M4 Base	Single/Dual	6K@60Hz	6K@60Hz	4K@60Hz	4K@60Hz
	Triple	6K@60Hz		4K@60Hz	4K@60Hz
			6K@60Hz	4K@60Hz	4K@60Hz
macOS M1/M2/M3	Single	4K@60Hz	4K@60Hz	4K@60Hz	4K@60Hz
	Dual			4K@60Hz	4K@60Hz
Notes: 1. Due to macOS limitations, dual HDMI ports (Video 3 & Video 4) will only display the same content (SST / Mirror mode). 2. For macOS based on M1/M2/M3 chips, it could only support one display.					

Extend Screen

1. "√" indicates that the host device supports extending to the specified number of displays.
2. "×" indicates that the combination is not supported due to the host device's hardware bandwidth or protocol limitations.

Windows:

 Host Device	 Single Display	 Dual Displays	 Triple Displays	 Quad Displays
USB-C Alt Mode	√	√ 2*HDMI × 1*TBT5+1*HDMI × 2*TBT5	×	×
Thunderbolt 5	√	√	√	√
Thunderbolt 4 or USB4	√	√	√ 1*TBT5+2*HDMI × 2*TBT5+1*HDMI	×

Note:

If your laptop uses a normal full-featured USB-C interface (supporting data, video, and PD charging), it can only display on a single screen. Therefore, for the best dual-screen display experience, please use a laptop with a Thunderbolt 4/5 or USB4 interface.

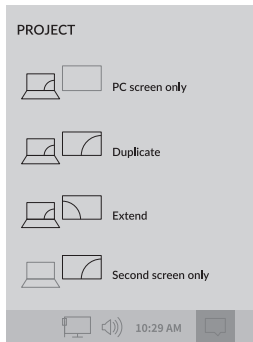
macOS:

 Host Device	 Single Display	 Dual Displays	 Triple Displays	 Quad Displays
M4 Base or M4 Pro/Max chips, M1/M2/M3 Pro and Max chips	√	√	√ 1*TBT5+2*HDMI SST × 2*TBT5+1*HDMI	×
M1/M2/M3/M4 Base chips	√	√ 2*HDMI SST × 1*TBT5+1*HDMI	×	×
Note: For macOS: Due to system limitations, multiple external monitors will only display in Mirror or SST mode (all external screens show the same or limited content).				

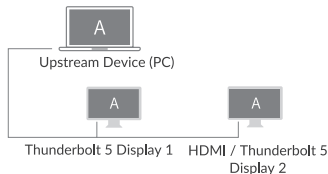
Display Mode Settings

Windows:

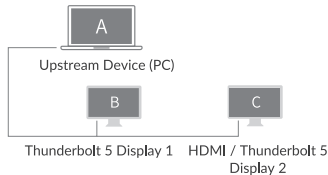
Press and hold the "Win" and "P" keys at the same time to select the desired display mode.



① Copy Mode



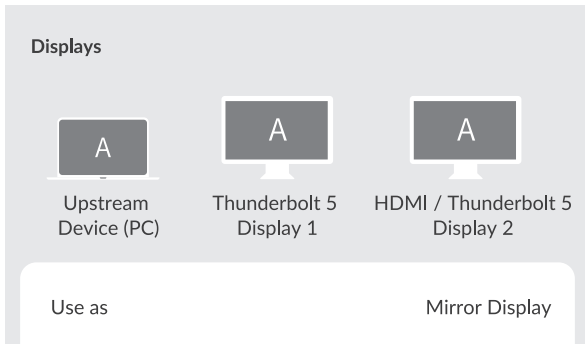
② Extended Mode



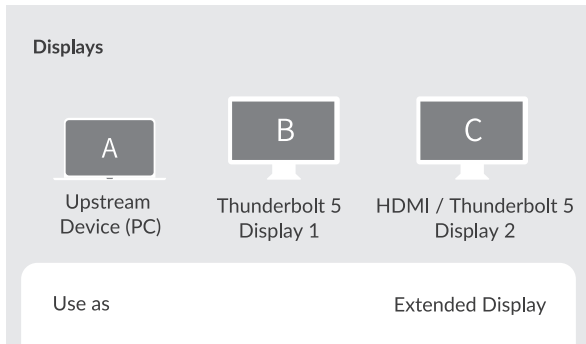
macOS:

Click the Apple LOGO in the upper left corner to enter the system settings, then click Display and select the desired display mode.

① Mirror Mode



② Extended Mode



FAQ

Q1. What conditions must be met to use this product?

A1. Before use, please confirm whether the USB-C of your device is a Thunderbolt or full-featured interface. If not, some functions will not be available, such as video output.

For example:

Function	 					
Video output	√	√	√	×	×	×
Data transmission	√	√	√	√	×	√
Charging	√	√	×	√	√	×

Q2. Why can't the HDMI / Thunderbolt 5 port be used for screen projection?

A2. ① Please connect to a laptop with Thunderbolt 4, Thunderbolt 5, or USB4 interface first;

- ② The following types of laptops are limited by their chips. When connected to the docking station, they only support a single-screen display via the HDMI or Thunderbolt 5 interface:
- a. USB-C interface laptop with ordinary full functions (supporting data, video, PD charging);
 - b. MacBook models with Apple M1, M2 or M3 chip.

Q3. Why can't the advertised resolution be achieved when projecting?

A3. This DOCK is compatible with DP1.4 and 2.1, but the resolution is determined by the device hardware. If your device (laptop, HDMI cable, monitor) cannot meet the advertised resolution of this product, it cannot project the highest resolution.



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Safety Precaution:

- Please disconnect the power before cleaning. Use a dry cloth to clean the product. Don't use liquid or foam cleaners.
- Avoid using this product in a humid environment.
- Do not use the product in an environment where the temperature exceeds 40°C.
- Install the device carefully to avoid falling off.
- If the product is not used for a long time, disconnect the power to avoid damage.
- Don't pour any liquid into the product to avoid fire or electric shock.

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