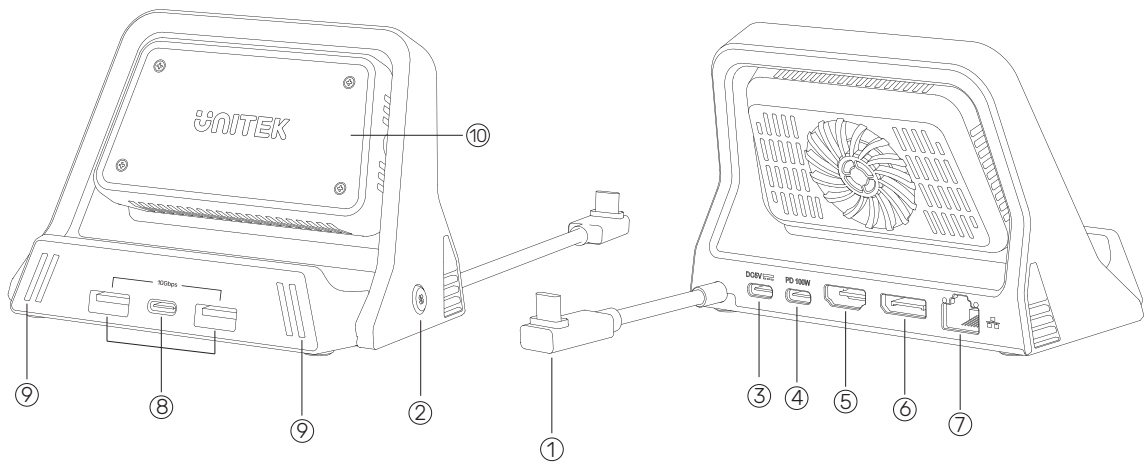
D1097A Instruction Manual

1. Product diagram



1. Upstream USB-C ;
2. Semiconductor refrigerator switch (ON/OFF switch for cooling fan) ;
3. USB-C DC power supply port ;
4. USB-C PD3.0 100W fast power supply port;
5. HDMI 2.1 port ;
6. DP1.4 port ;
7. RJ45 Gigabit Ethernet port ;
8. 10Gbps(2A1C) HUB ;
9. RGB color mixing LED lights ;
10. Semiconductor refrigerator (Aluminum cooling surface) ;

2. Product introduction

1. This product is a special base for Steam Deck, with 2Pcs RGB color mixing LED lights on the front, which can change colors randomly, personalized gaming lighting design;

2. The built-in gaming cooler solves the overheating problem of the Steam Deck during gaming, and the built-in dynamic RGB light; you can control the cooling intensity with the switch (strong cooling-weak cooling-off); the cooler can also tilt slightly in order to maximize contact on the steam deck;

3. Uplink USB-C 90° elbow design, does not affect the gaming operation;

4. Downlink 3 Ports 10Gbps (2A1C) HUB, compatible with USB3.2 5Gbps/ USB 2.0/ USB1.1; and supports BC1.2 charging protocol;

5. Video output supports DP1.4 Alt Mode, conforms to HDCP v1.4/v2.3 repeater, supports up to dual 4K 60Hz or 8K 30Hz+1080 60Hz resolution, and supports MST (desktop mode) ; single display can support up to 8K 30Hz or 4K 120Hz;

6. The downlink USB-C PD interface supports PD3.0 version, and the maximum power supply supports 100W, that is, 20V/5A, without downlink data transmission function;

7. Network interface conforms to IEEE802.3, IEEE802.3u and IEEE 802.3ab standards, adaptive 10/100/1000Mbps Ethernet; when using this product to connect to wired Ethernet, the network performance is faster, more stable and reliable, reducing the chance of game disconnection;

8. A: RJ45 indicator light:
   Yellow light: data transmission indicator (ACT)
   Green light: network connection indicator (LINK)
   B: Front 2Pcs RGB power supply lights, randomly mixed colors light up after power on;

9. Plug and play, no driver required, support hot swap;

10. With a USB-C DC power supply interface, it can supply power for downstream peripherals and cooling fan through an external Max5V3A power supply;

11. System Support: Support Steam OS, also compatible with Windows 10 & 11 (32/64bit) / Linux kernel 3.x / Mac OS 10.6 or above version;

3. Frequently Asked Questions

1. Why is the speed of reading and writing data on the downstream USB HUB interface slow?
Answer: This product has undergone rigorous testing. Under normal read and write conditions, the read and write speed of the hard disk can reach the standard transmission speed of USB 10Gbps. If the reading and writing speed are slow, please confirm whether the connected host USB port/ storage device/ data cable is an USB 10Gbps version.

2. Why can't the connected USB device be recognized, or disconnected during use?
Answer: 2.1 Please check whether the interface on the Host side is working normally;
2.2 It may be caused by the insufficient power supply of the USB interface due to the excessive power of your connected USB peripherals. It is recommended to connect the power adapter when using this type of product, or connect the product to PD charging to ensure sufficient power supply.

3. After connecting a new external USB hard drive, why can't find the mobile hard drive or the corresponding drive letter in Steam Deck?
Answer: Because the Steam Deck desktop mode is based on Linux, please format the external USB storage device in advance with the file system format supported by Linux, otherwise it may not be able to output the disk, which is not a malfunction of this product;

4. How to protect the hard disk, data, and realize safe exit?
Answer: When you want to remove the mobile hard disk without shutting down the operating system, in order to protect your hard disk and data from damage, it is recommended that users safely remove the USB peripheral through the system, choose to eject the disk device, and then remove equipment.

4. Matters needing attention

1. Since the standard power supply of Steam Deck is only 45W, the cooling power of this product needs to be about 15W. The standard 45W power supply is not enough for Steam Deck and cooling devices to work at the same time, so when using the built-in 45W power supply, you need to connect a separate external 5V2-3A USB power adapter to the USB-C DC port for power supply.

2. When using a third-party power supply greater than 61W, this product can automatically deduct 15W for the use of coolers. Users can choose to connect to an external USB-C DC power supply according to the power of the peripherals connected to the downlink USB HUB. The greater the power of the power supply, the more sufficient the power supply;

3. Although USB devices support hot plugging, when using storage devices such as U disks and mobile hard disks, try to remove the devices safely from the system before unplugging them to avoid data loss.

4. When using a USB device with high power, if the USB device is equipped with a power adapter, please connect the adapter to power it to prevent unrecognized or unstable work caused by insufficient power supply.

5. Since this product adopts semiconductor refrigeration technology, the minimum temperature is around 8°C. If Steam Deck is not placed on it to reduce the temperature to offset the temperature difference, condensed water may be generated due to the large temperature difference between the environment and the cooling dock over a long period of time without the Steam Deck. Therefore, it is recommended not to place the Steam Deck for heat dissipation. Do not turn on the cooler when the Steam Deck is not in use, so as not to create condensation and affect the product. Turn on the cooler when the Steam Deck is in use.

6. This product supports MST function, and can support DP and HDMI output at the same time, but Steam Deck does not support MST output in game mode, so only one video output is supported in game mode, and two video channels can be output after switching to desktop mode.

7. Do not place the product in a humid or high temperature environment.