

Upstream:

Type-C Male X1 Host Computer

- Support DP1.4 Alt mode

Downstream:

HDMI X2

- The HDMI port close to Type-C male supports max 8K/30Hz, another one supports max 4K/60Hz
- Supports Dual 4K/30Hz simultaneously under MST mode
- Supports Dual 4K/60Hz simultaneously under SST mode
- Supports High Dynamic Range(HDR)
- Supports multiple color formats: RGB; YCbCr4:4:4; YCbCr4:2:2; YCbCr4:2:0 8/10/12bpc
- Supports HDCP2.3&1.4

Note: 1. The actual output resolution of the product is determined by the host and the display together. 2. The product worked on some hosts that support DP1.4&DSC can output dual 4K/60Hz simultaneously with different pictures

Type-C Data X1 Close to USB-A

- Max 5Gbps data transmission
- Max 900mA downstream charging
- Supports short-circuit, over-current, over-voltage protection

USB-A X3

- Max 5Gbps data transmission per port
- Max 900mA downstream charging per port
- Supports short-circuit, over-current, over-voltage protection
- The Type-C data port and 3 USB-A Ports share max 12W

SD4.0 / TF3.0 X1

- TF card slot supports UHS-I up to 104MBps data rate
- SD card slot supports UHS-II up to 312MBps data rate
- Allow 2 card slots to work simultaneously
- TF card slot is equipped with press self-spring device

RJ45 X1

- Supports Gigabit Ethernet, 10M/100M/1000M
- Supports Wake-On-LAN
- Supports full duplex flow control
- Light indicates the state, no light when no Internet connected, orange light turns on when network connection is established, green light flashes when transmitting data.

3.5mm Audio Port X1

- DAC supports 44.1/48/96KHz Sample Rate, 16/24-bit
- ADC input supports 44.1/48KHz Sample Rate, 16bit
- Support CTIA&OMTP auto detection
- Support voice adjustment function when connected to original headset

Type-C PD Charging X1

- Supports max 100W PD charging
- Supports PD3.0 Fast Role Swap, the connected device will not get disconnected while plugging in and out PD Adapter
- Supports smart power which allows to distribute power according to actual consumption of the connected devices, making full use of supplied power, the host can get power ranging from 82w to 96w



User Manual

USB-C 11-in-1 Dual Display Portable Dock with DP 1.4 Alt Mode

Y10P028-S1

Congratulations

Thank you for purchasing this premium Rocstor product. For optimum performance and safety, please read these instructions carefully before connecting, operating or using this product. Please keep this manual for future reference.

Introduction

Rocstor introduces the Type-C 11-in-1 Portable Dock, a comprehensive solution featuring 2 HDMI ports, 3 USB-A ports, SD/TF card slots, Ethernet connectivity, audio support, Type-C data transfer, and Type-C PD charging capability. Designed to seamlessly extend the port options of Type-C or Thunderbolt hosts such as PCs, laptops, and mobile phones, especially beneficial for devices with a single Type-C port. Equipped with DP1.4 Alt mode supported IC, enabling HDMI video output up to 8k/30Hz while simultaneously transferring USB 3.1 data at speeds of up to 5Gbps. Connect up to 4 USB devices concurrently with the 3 USB-A and Type-C data ports. Easily access data with the SD and TF card slots. Enjoy music through the 3.5mm audio port. The Type-C PD Charging port supports PD3.0 with a maximum power supply of 100W. Compatible with all DP Alt mode supported Type-C hosts, ensuring versatility and efficiency.

Package Contents

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the packaging:

- Main Unit x1
- User Manual

Specification

Input / Output Connector	
Input	Type-C Male x1
Output	HDMI x2
	Type-C Data x1
	USB-A x3
	SD/TF x1
	RJ45 x1
	3.5mm Audio port x1
	Type-C PD Charging x1
Physical	
Weight	6.5lbs - (186g)
Size	8.6x1.5x0.6in - (220x40x16mm)
Warranty	
Limited Warranty	3 Years
Environmental	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Operating Humidity	10% to 90% RH (no condensation)
Storage Temperature	-10°C to 70°C (14°F to 158°F)
Storage Humidity	10% to 90 % RH (no condensation)
Power Supply	
Type-C PD Charging	Max 100W
Regulatory Approvals	
Certifications	FCC, CE
Accessory Adapter	
User Manual	English Version

Connection Diagram



Support

Technical support is available to all the registered users of Rocstor products.

Technical Support / RMA

Hours: 9:00 am - 5:00 pm PST

Monday to Friday (except holidays)

Tell: +1 (818) 727-7000 (National and international)

Fax: +1 (818) 875-0002

Email: support@rocstor.com

⚠ Safety Information:

WARNING:

Please follow these safety instructions. Failure to do so may result damages or injury. It is normal that the device becomes very warm during use.

Please note that:

Continuous contact with warm surfaces for extended time may cause discomfort or injury. In order to reduce the possibility of overheating or heat-related injuries, always allow needed ventilation around the device and use care when handling it. Avoid instances where your skin is in extended contact with the device when plugged into the host computer. It is not recommended to sleep with the device when plugged into a host computer. Avoid placing the device under a pillow, blanket, or your body when connected to a host computer. If you have a medical condition that affects your ability to detect heat against the body, extra care should be used. Never use the device in locations with water, such as a sink, bathtub, or shower stall. Never connect or disconnect the device with wet hands.



Warranty Information

Warranty Information

This product is backed by a (3) three-year warranty. Rocstor warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. Rocstor does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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