



User Manual

Type-C to HDMI/USB-A/Type-C Female(PD&Data) with DP1.4 Alt mode

Y10A306-B1

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 3-in-1 hub, featuring HDMI, USB-A, and a Type-C female port, offering an ideal solution for extending the port capabilities of Type-C/Thunderbolt 3 hosts (PC/Laptop/Mobile phone, etc.), particularly useful for those with a single Type-C port. Equipped with the latest DP1.4 Alt mode supported IC, this hub enables HDMI video output at a maximum resolution of 4k/60Hz while simultaneously transferring USB 3.1 data at up to 5Gbps. Additionally, the Type-C female port supports PD 3.0 with a maximum power delivery of 100W when connected to a PD Adapter and facilitates data transmission at a maximum speed of 5Gbps when connected to a Type-C device. Compatible with all DP Alt mode supported Type-C hosts, this hub ensures seamless compatibility and enhanced functionality.

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	USB-C Male x1
Output	HDMI Female x1 USB-A Female x1 Type-C Female x1 (PD & Data)
Warranty	
Limited Warranty	2 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)
Electronic Parameter	
Input Voltage	MAX 50V
Power Consumption	2W
Power Supply	
USB-C PD Charging Port	100W(20V/5A)
Regulatory Approvals	
Certifications	FCC, CE
Accessory Adapter	
User Manual	English Version

Upstream:

USB Type-C Male (Connect to a host computer)

- Supports DP1.4 Alt mode, downward compatible with DP1.2 Alt mode

Note: To get max bandwidth, the host should support DP1.4 Alt mode with DSC format

Downstream:

HDMI

- Supports HDMI max 4K/60Hz, 4:4:4, 8bit with 18Gbps Bandwidth
- Supports 6/8/10/12 bit color depth output
- Supports output pixel format RGB4:4:4/YCbCr4:4:4/YCbCr4:2:2
- Supports HDCP 2.2&HDCP1.4
- Supports HDR

Note: When connecting a DP1.4 Alt mode supported host, the max resolution of HDMI is 4k/60Hz; When connecting a DP1.2 Alt mode supported host, the max resolution of HDMI is 4k/30Hz due to bandwidth limitation

USB-A 3.0 X1

- Support max 7.5W(5V@1.5A) downstream charging
- Max 5Gbps bandwidth

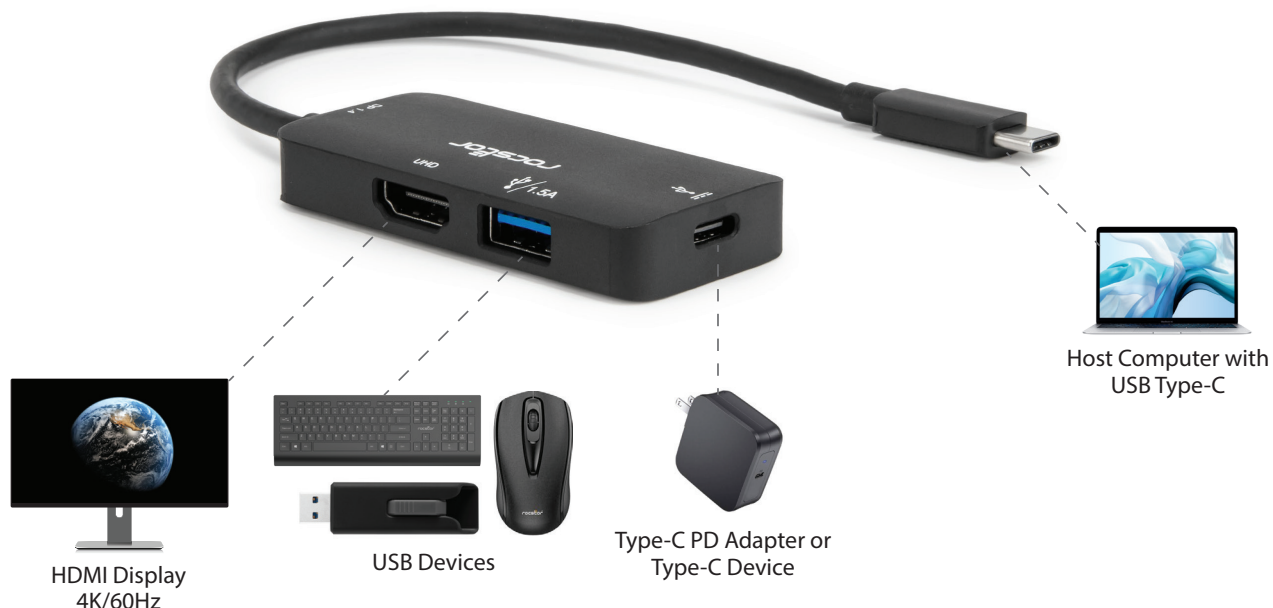
Type-C Female X1 (for PD Charging & Data)

When connecting a PD Adapter:

- Support PD Charging 100W (20V/5A)
- Support Fast Role Swap of PD 3.0, the connected device will not get disconnected while plugging in and out PD Adapter
- 7.5W is dedicated to the functioning of this product, the rest power (max 92.5W) will be passed to charge for the host

When connecting a Type-C device:

- Max 5Gbps data transfer
- Max 7.5w(5V/1.5A) downstream charging
- Share max 7.5W downstream charging with USB-A port



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 adapter 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 (2) two-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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