

rocstor Y10A306-B1 Hub with Card Reader I



# rocstor Y10A306-B1 Hub with Card Reader User Manual

[Home](#) » [rocstor](#) » rocstor Y10A306-B1 Hub with Card Reader User Manual 

### Contents

- 1 rocstor Y10A306-B1 Hub with Card Reader
- 2 Product Information
- 3 Features
- 4 Introduction
- 5 Specification
- 6 Connection Diagram
- 7 Warranty Information
- 8 Documents / Resources
  - 8.1 References
- 9 Related Posts



## rocstor Y10A306-B1 Hub with Card Reader



### Product Information

## Specifications

- Input Connector: USB-C Male x1
- Output Connectors: HDMI Female x1, USB-A Female x1, Type-C Female x1 (PD & Data)
- Maximum Resolution: 4k/60Hz with DP1.4 Alt mode supported host
- Power Supply: 100W (20V/5A) via USB-C PD Charging Port
- Warranty: 2 Years
- Regulatory Approvals: FCC, CE

## Product Usage Instructions

### Package Contents

Before using the unit, ensure the following items are included in the packaging:

- USB-C Male x1
- HDMI Female x1
- USB-A Female x1
- Type-C Female x1 (PD & Data)

### 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.

## Features

### 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

### 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/Thunder-bolt 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

## 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](tel:818-727-7000) (National and international)

Fax: +1 [818-875-0002](tel:818-875-0002)

Email: [support@rocstor.com](mailto:support@rocstor.com)



#### **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.

#### **Limitation of Liability**

In no event shall the liability of Rocstor, Inc. and Rocstor (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

**©2024 Rocstor, Inc. All rights reserved. Rocstor is registered trademark of Rocstor, Inc.**

Apple®, the Apple logo, Mac®, MacBook®, MacBook Pro®, MacBook Air®, iPad®, iPad Air®, iPad mini®, iPad Air®, iPhone®, MacOS® are registered trademarks of Apple, Inc. Google® and Chromebook™ are registered trademarks of Google, LLC. Microsoft® is registered trademarks of Microsoft corporation. All other product names and logos mentioned herein may be trademarks of their respective companies. Thunderbolt is a trademark of Intel Corporation or its subsidiaries. USB Type-C® and USB-C® are registered trademark of USB Implementers Forum. The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. Feature and specification are subject to change without notice. All trademarks and registered trademarks are the property of their respective. All rights reserved.



### **Documents / Resources**



[rocstor Y10A306-B1 Hub with Card Reader](#) [pdf] User Manual  
Y10A306-B1, Y10A306-B1 Hub with Card Reader, Y10A306-B1, Hub with Card Reader, Card Reader, Reader

## References

- [User Manual](#)

**Manuals+, Privacy Policy**

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.