



## User Manual

### USB4 to HDMI(8K/60Hz)/USB-AX2 (10G) / Type-C Data (10G) /RJ45/Type-C PD Charging Adapter

Y10A316-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 6-in-1 USB4 adapter, providing a comprehensive solution for video, data, power, and Ethernet needs. This adapter features an HDMI port (supporting 8K/60Hz) for high-definition video transmission, along with 3 USB data ports (2 USB-A 10G, 1 Type-C 10G) for efficient data transfer. Additionally, it offers a 2.5Gbps Ethernet port for seamless online surfing. Furthermore, equipped with a Type-C PD Charging port capable of delivering up to 100W power supply. Compatible with USB4, Thunderbolt4, Thunderbolt3, and DP Alt mode supported Type-C hosts, ensuring versatile compatibility across various systems.

#### Package Contents

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

- Main Unit x1
- User Manual

#### Specification

<b>Input / Output Connector</b>	
Input	USB-C Male x1
Output	HDMI (8K/60Hz) x1 USB-C Gen 2 10G x1 USB-A Gen 2 10G x2 RJ45 (2.5G Ethernet) x1 Type-C PD Charging x1
<b>Mechanical</b>	
Weight	3.2lbs - (92.4g)
Size	6x1.2x0.7in - (142x30.5x18mm)
<b>Warranty</b>	
Limited Warranty	3 Years
<b>Environmental</b>	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Operating Humidity	10% to 85% RH (no condensation)
Storage Temperature	-10°C to 70°C (14°F to 158°F)
Storage Humidity	5% to 90 % RH (no condensation)
<b>Power</b>	
Type-C PD Charging	100W (max 85W for host)
<b>Regulatory Approvals</b>	
Certifications	FCC, CE
<b>Accessory Adapter</b>	
User Manual	English Version

#### Upstream:

##### USB4 Male (Connect to a host computer)

- Supports USB4 Specification with max 40Gbps bandwidth
- Compliant USB4 Gen3(40Gbps),USB4 Gen2(20Gbps) and backwards compatible USB3.2&USB2.0
- Compliant DP1.4 alt mode with max 32.4Gbps
- Supports positive and negative connection

#### Downstream:

##### HDMI X1

- Supports max 8K/60Hz video output
- Supports High Dynamic Range(HDR10+)
- Supports multiple color formats: RGB; YCbCr4:4:4; YCbCr4:2:2;YCbCr4:2:0;
- Supports 8/10/12 bit Color depth
- Supports HDCP2.3 and HDCP1.4R

##### Host Video Resolution

Support USB4&DSC8K/60Hz  
Only support DP1.4 Alt mode (Not support DSC) 4K/60Hz  
Only support DP1.2 Alt mode (Not support DSC) 4K/30Hz

**Note:** The above list is only for reference. The actual output resolution is determined by the computer, monitor and the product

##### USB-A 10G X2

- Supports USB 3.2 Gen2 SuperSpeed 10Gbps per port
- One port(close to RJ45) supports max 5V/1.5A downstream charging, other ports support max 900mA downstream charging
- Supports short-circuit, over-current, over-voltage protection
- USB-C and 2 USB-A ports share max 2.4A(12W) downstream charging

##### USB-C 10G X1

- Supports USB 3.2 Gen2 SuperSpeed 10Gbps
- Supports max 5V/1.5A downstream charging
- Supports short-circuit, over-current, over-voltage protection

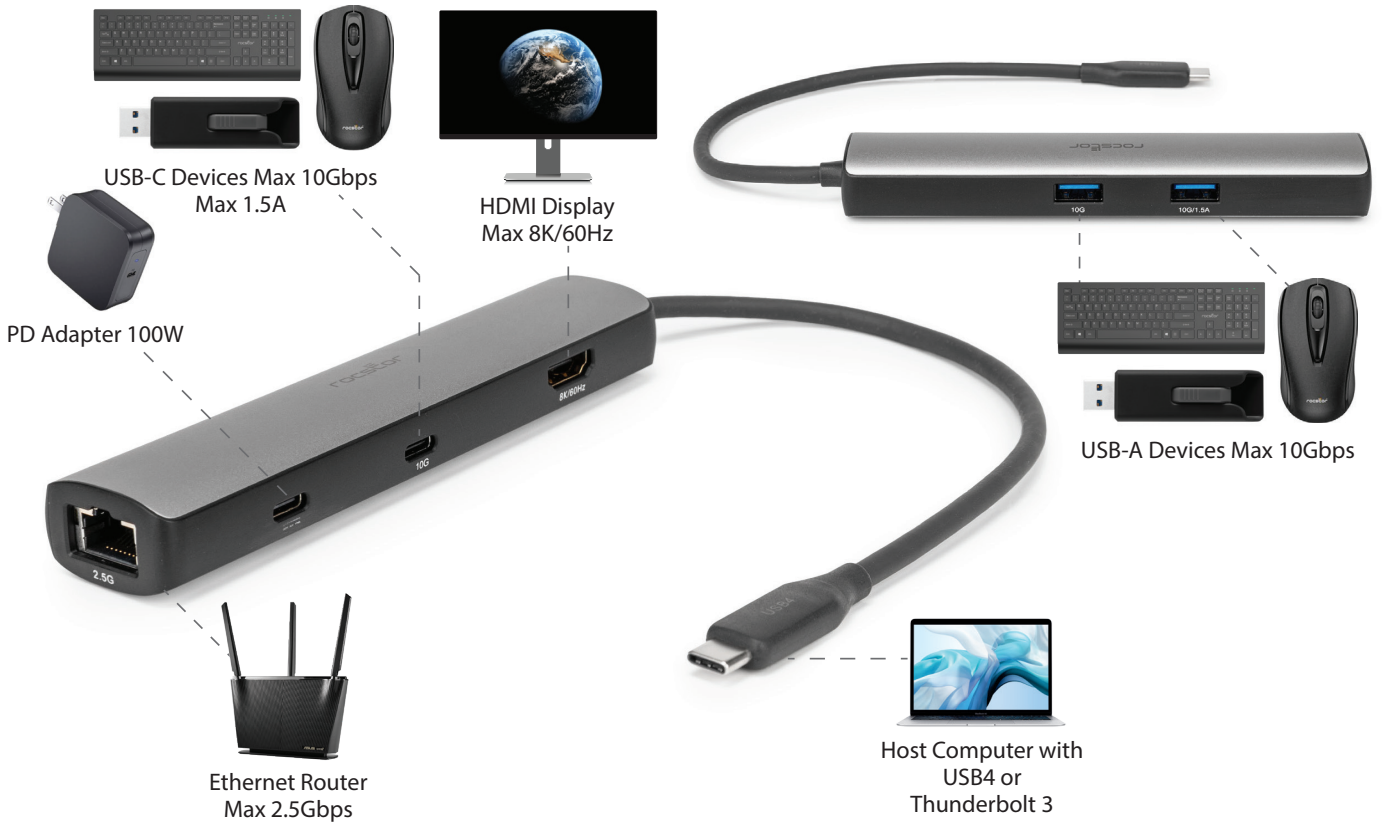
##### RJ45 X1

- Supports 10M/100M/1000M/2.5G bandwidth
- Supports twisted pair crossover detection and auto-correction
- Supports WOL(Wake-On-LAN), Full Duplex flow(10M/100M/1G/2.5G Rate), Auto-Negotiation
- 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.

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

- Compliant USB3.2 Gen2 with max 10Gbps data transmission
- Supports PD3.0 with max 100W PD Charging
- 8W is dedicated to the functioning of this product, the rest power (max 92W) will be passed to charge for the host

## 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](mailto: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 (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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