



## User Manual

### Type-C to Triple DisplayPort Adapter with DP1.4 Alt mode

Y10A303-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 to Triple DisplayPort Adapter, designed to expand the host's Type-C port into three DisplayPort ports, offering ultra-high-definition display capabilities. With support for DP1.4 Alt mode and a maximum bandwidth of 32.4Gbps, this product enables the output of a single max 8K DP1.4 video or dual max 4K/60Hz videos, or even triple videos (max 4K/60Hz + 2x4K/30Hz) simultaneously under MST mode. Compatible with all DP Alt mode supported Type-C/Thunderbolt PCs, this adapter delivers seamless performance and enhanced display options.

#### 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

#### System Requirements

##### Working on Windows System

- Support to output dual 4K/60Hz with different pictures under MST mode
- Support to output triple videos(max 4K/60Hz+2x4k/30Hz) with different pictures under MST mode

##### Working on Mac OS System

- Support to output max triple max 4K/60Hz under SST mode (output the same picture)

**Note:** To achieve the above resolution, the host should support DP1.4 Alt mode, when working on DP1.2 host, the corresponding resolution will be decreased due to bandwidth limitation. The above resolution combination is for theoretical reference, the actual output resolution depends on the connected host and displays

#### Upstream:

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

#### Downstream:

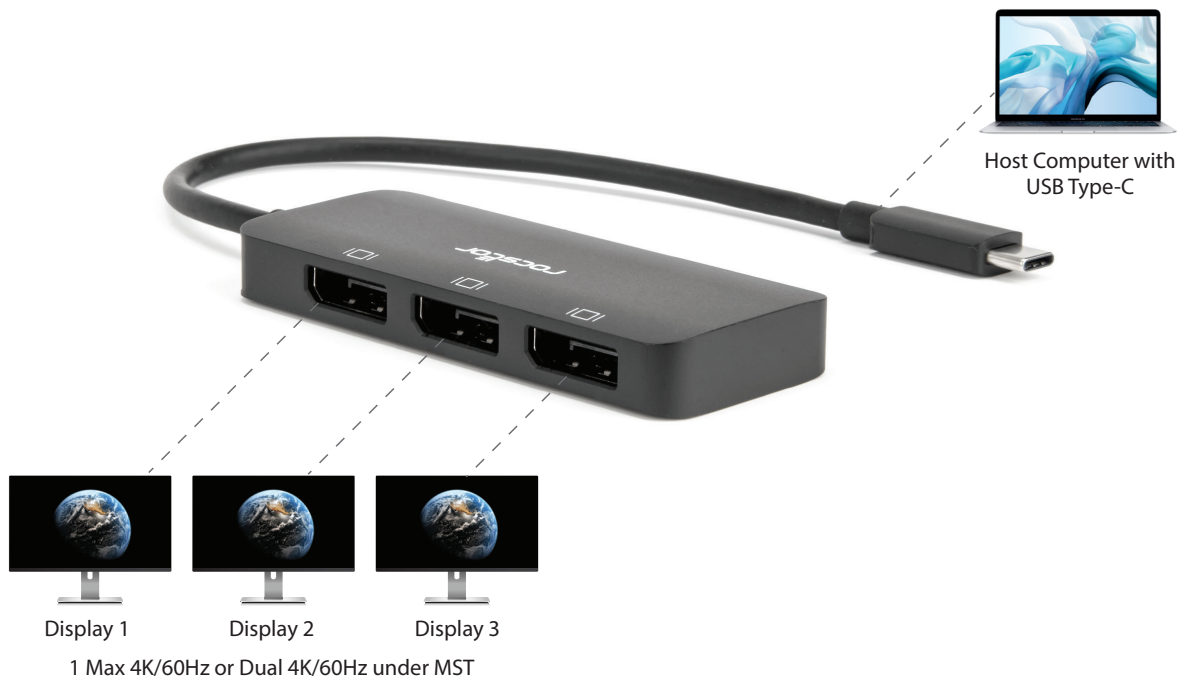
##### DisplayPort X3



- Supports Type-C input, 3 DisplayPort outputs
- Supports DP1.4 Alt mode
- Supports DSC
- Supports 6/8/10 bit color depth output
- Supports output pixel format RGB4:4:4/YCbCr4:4:4/YCbCr4:2:2/YCbCr4:2:0
- Supports HDCP2.2&1.4
- Supports HDR which ensures every moment of a video is displayed at its ideal values for depth, detail, brightness, contrast and wider color gamuts—on a scene-by-scene or even a frame-by-frame basis
- Supports DP1.4 with max 4K/60Hz for one video output

#### Specification

<b>Input / Output Connector</b>	
Input	USB-C Male x1
Output	DisplayPort Female x3
<b>DisplayPort</b>	
Resolution	Max one 4K/60Hz or dual 4K/60Hz
HDR	Support
HDCP Version	HDCP2.2&1.4
<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 Requirement</b>	
Power Source	Bus Power
Standby Power Consumption	≤1W
<b>Mechanical</b>	
Size (L-W-H)	9.9x1.4x0.45in (252x36x11.5mm)
Weight (Net)	1.86lbs (51g)
<b>Warranty</b>	
Limited Warranty	1 Year
<b>Regulatory Approvals</b>	
Certifications	FCC, CE
<b>Accessory Adapter</b>	
User Manual	English Version



**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**

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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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