Rocstor®

User Manual

USB-C 8-in-1 Dual HDMI Display Portable Dock Multiport Adapter with DP 1.4 Alt Mode – 100W PD

Y10P030-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. Keep this manual for future reference.

Introduction

Rocstor introduces the Type-C 7-in-1 Portable Dock, an essential companion featuring an array of ports to enhance connectivity for your devices. With HDMI, DisplayPort, 2 USB-A, Type-C data, Ethernet, and Type-C PD charging female ports, this hub offers a comprehensive solution for extending the capabilities of your Type-C or Thunderbolt host devices, catering to those with a single Type-C port. Powered by advanced DP1.4 Alt mode supported IC technology, our dock delivers unparalleled performance. Experience stunning visual output with HDMI video up to 8K/30Hz and DP video up to 8K/30Hz, while seamlessly transferring data at speeds of up to 5Gbps with USB 3.2 gen1 compatibility. Connectivity is further enhanced with 2 USB-A and Type-C data ports, enabling simultaneous connection of up to 3 USB devices. Stay connected with Gigabit Ethernet, ensuring seamless internet browsing. Additionally, our Type-C PD charging port supports lightning-fast charging up to 100W, providing power when you need it most. Compatible with all DP Alt mode supported Type-C hosts, our portable dock offers unmatched versatility and performance for all your connectivity needs.

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

Features

Upstream:

Type-C Male X1 Host Computer

• Supports DP1.4 Alt mode, downward compatible with DP1.2 Alt mode
• Supports USB3.0/2.0 data transmission (transfer speed: Max 10Gbps)
• Supports transmission of DP Alt Mode video up to 4K/60Hz Simultaneously
Note: To get max bandwidth, the host should support DP1.4 Alt mode&DSC

Downstream:

HDMI X2

• Supports HDMI max 4K/60Hz per port
• Supports dual 4K/60Hz simultaneously under SST mode
• Supports dual 4K/30Hz simultaneously under MST mode
• Supports 8/10/12 bit color depth output
• Supports output pixel format RGB/YCbCr4:4:4/YCbCr4:2:2/YCbCr4:2:0
• Supports HDR
• Supports HDCP2.2&HDCP1.4&HDCP1.3
Note: The actual resolution supported is determined by the host and the Display. The product worked on some windows hosts that support DP1.4&DSC can output 4K/60Hz*2 simultaneously with different pictures

USB-A X4

• 2x USB 2.0 up to 480 Mbps, ideal for external drivers
• 1x USB 1.5A for fast charging, ideal to charge batteries, phones, etc
• 1x USB-A for all usb device purpose, such as mouse, keyboard and more

VGA X1

• Analog Video Transmission: Supports video signals in analog format for a wide range of devices
• Ideal for Legacy Devices: Perfect for connecting older equipment in professional and educational settings
• High Resolution: Handles up to 1920x1080 (Full HD) for clear image

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.

SD/Micro SD 3.0 X1

• Supports SD3.0 data transfer up to 104MBps
• Allow 2 card slots to work simultaneously
• TF card slot with self-ejecting mechanism by pressing

Type-C Female X1
(For PD Charging)

• Supports max 100W PD charging
• Supports PD3.0 Fast Role Swap, the connected device will not get disconnected while plugging out PD Adapter
• 15W is dedicated to the functioning of this product, the rest power (max 85W) will be passed to charge for the host
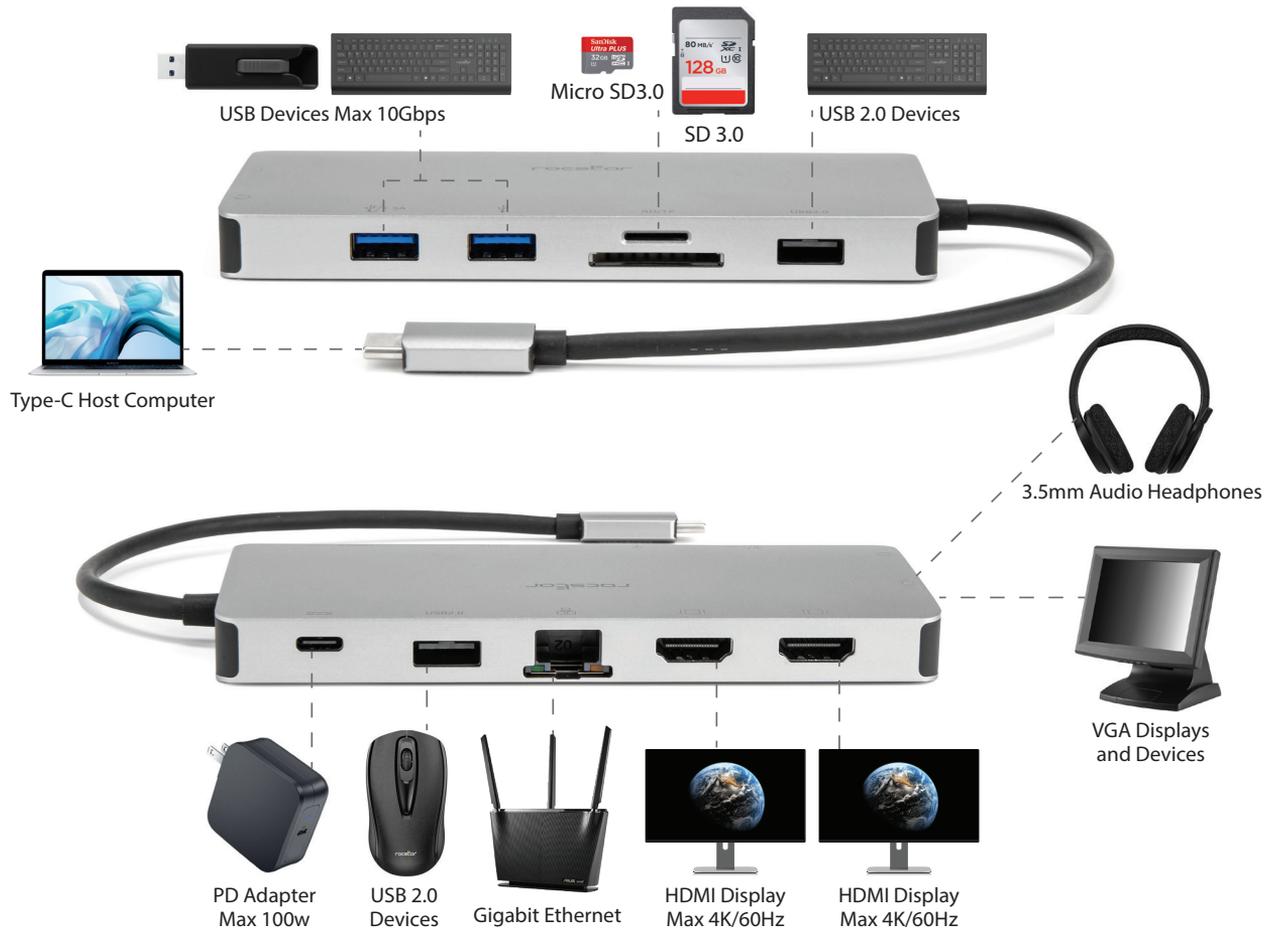
3.5mm Audio X1

• Supports 16/24/32-bit, 8/16/22.05/24/32/44.1/ 48/96/176.4/192/384KHz Sample Rate
• Supports Stereo output and microphone input
• Automatic detection switch to CTIA/MTP mode

Specification

Input/Output Connector	
Input	Type-C Male x1
Output	HDMI Female x2
	USB-A 10G x2
	RJ45 x1
	SD/Micro SD 3.0 x1
	Type-C Female x1
Warranty	
Limited Warranty	3 Years
Physical	
Weight	3.7lbs (106g)
Size	4.7x1.9x0.6in (120x50x15.5mm)
Environmental	
Operating Temperature	0°C to 40°C (32°F to 104°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)
Regulatory Approvals	
Certifications	FCC, CE
Accessory Adapter	
User Manual	English Version

Connection Diagram

USB Devices Max 10Gbps

Micro SD3.0

SD 3.0

USB 2.0 Devices

Type-C Host Computer

3.5mm Audio Headphones

VGA Displays and Devices

PD Adapter Max 100w

USB 2.0 Devices

Gigabit Ethernet

HDMI Display Max 4K/60Hz

HDMI Display Max 4K/60Hz

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.

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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.

Limitation of Liability
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