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rocstor Y10P026-S1 Triple Display Docking Station

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rocstor Y10P026-S1 Triple Display Docking Station

Specifications

- **Input/Output Connector:** USB-C Female (Connect to Host) x1, Stream1:HDMI DP1.4 Alt mode, Stream2:DP or HDMI USB Mode, Stream3:DP or HDMI USB Mode, USB-C Gen 2 10G x1, USB-A Gen 2 10G x1, USB-A Gen 1 5G x3, 3.5mm Audio x1, RJ45 x1, DC Jack x1
- **Mechanical Size (L-W-H):** 8.8×3.3×0.9in – (225x85x25mm)
- **Weight (Net):** 15.7lbs – (446g)
- **Warranty:** Limited Warranty – 3 Years
- **Environmental:** Operating Temperature, Operating Humidity, Storage Temperature, Storage Humidity
- **Regulatory Approvals:** FCC, CE

Product Usage Instructions:

Panel Description:

Front Panel

1. USB-C Max 10G
2. USB-A Max 5G
3. 3.5mm Audio

Back Panel

1. RJ45 Max 2.5G
2. Stream3: HDMI or DP USB Mode (Max 4K/60Hz)
3. Stream2: HDMI or DP USB Mode (Max 4K/60Hz)
4. Stream1: HDMI DP Alt Mode (Max 4K/60Hz)
5. 20V Power Supply

Side Panels

1. Kensington Anti-Theft Lock

2. Standard Nano Anti-Theft Lock

3. USB-C or USB-A Host (Through a cable to host)

FAQ:
Q: Why is the device becoming very warm during use?
A: It is normal for the device to become warm during operation due to the processing of data and power consumption. Ensure proper ventilation around the docking station.

Rocstor ThunderConnect RD11 USB-C 13-in-1 Triple Display Docking Station with DisplayLink and DP 1.4 Alt Mode

Important Safety Notice

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.

Introduction

Rocstor RD11 Docking Station is a versatile 13-in-1 Type-C Triple Displays Docking Station, featuring DP Alt mode and a displaylink solution. This docking station is designed to extend the capabilities of a Type-C port or USB-A port (via a USB to Type-C converter), offering multiple video, data, audio, Ethernet, and power ports to meet the diverse needs of users. With 5 video outputs (capable of simultaneously outputting 3 videos under MST mode), this docking station ensures seamless video transmission. It also boasts 5 USB data ports (including 1 Type-C 10G and 1 USB-A 10G, along with 3 USB-A 5G ports) for efficient data transfer. Experience super-fast Ethernet connectivity with the 2.5G Ethernet port, enabling swift network access. Enjoy your favorite music or audio content through the dedicated 3.5mm audio port. Furthermore, this dock is equipped with a DC power jack, offering maximum power supply of up to 134W or 100W for uninterrupted performance. Compatible with all Type-C, Thunderbolt, or USB-A hosts that support USB mode, this docking station is the perfect solution for extending your connectivity options.

Package Contents

Before utilizing this unit, kindly inspect the packaging to ensure the following items are included:

- Main Unit x1
- User Manual x1
- DC Power (134W or 100W) x1
- DC Power Cable x1
- Type-C M to Type-C M Cable (10G,5A) x1

Features

- Supports DP1.4 Alt mode and DisplayLink USB mode
- Designed for extending Type-C port or USB-A port (by connecting a USB-A to Type-C converter) to be multiple video, data, audio, Ethernet, and power ports
- HDMI all supports max 4K/60Hz
- DP all supports max 4K/60Hz
- Support to output 3 videos (Stream 1: HDMI 1; Stream 2: DP2 or HDMI 2; Stream 3: DP3 or HDMI 3) simultaneously with max 4K/60Hz under MST mode
- DisplayPort supports DP++ which enables connecting a passive DP to HDMI port to connect HDMI display
- RJ45 supports 2.5G Ethernet
- Supports USB 3.2 Gen2 with max 10Gbps data transfer
- Max 134W or 100W power supply from DC Adapter

Operation Note

- Before using this product, ensure to install the DisplayLink USB Graphics Driver on your computer. Failure to do so may result in no output from the DP, HDMI (USB Mode), and audio ports. You can download the corresponding driver from the official DisplayLink website at **www.displaylink.com**
- After installing the driver, Apple systems require checking "DisplayLink" in the "Security and Privacy" and "Screen Recording" sections.
- The Audio Graphics card can be switched among the PC, DP Alt mode port connected display, and the DL-DOCK. If the Audio Graphics card is switched to the docking station, no audio will be output from the display when a headset is connected.
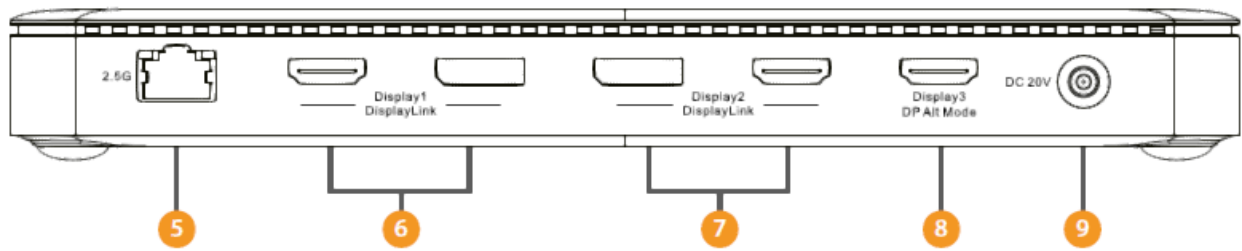- Please note that the video ports of this product do not support the iPad.
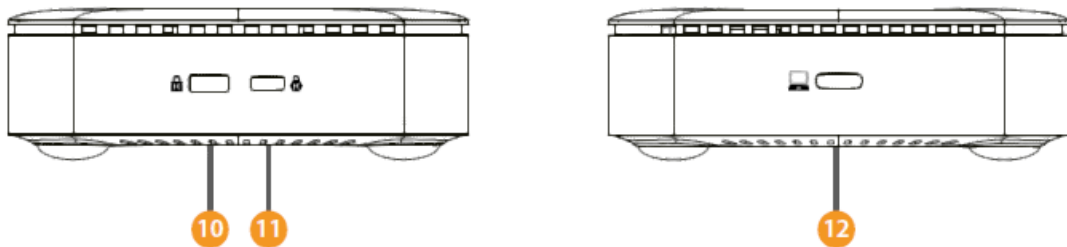
Panel Description

Front Panel
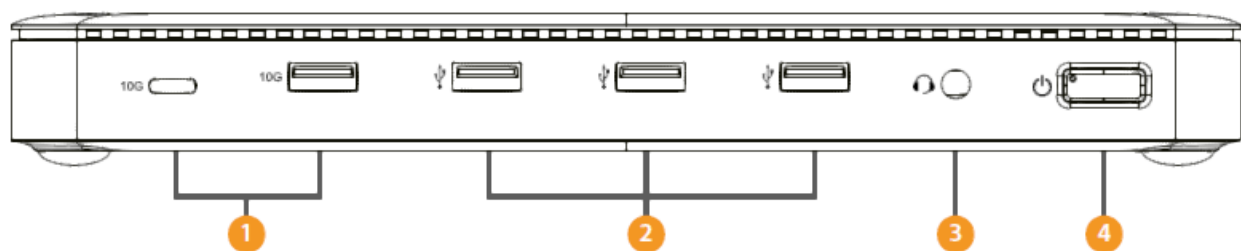
1. USB-C Max 10G
2. USB-A Max 5G
3. 3.5mm Audio
4. LED/Power Switch

Back Panel

5. RJ45 Max 2.5G

6. Stream3: HDMI or DP USB Mode (Max 4K/60Hz)

7. Stream2: HDMI or DP USB Mode (Max 4K/60Hz)

8. Stream1: HDMI DP Alt Mode (Max 4K/60Hz)

9. 20V Power Supply

Side Panels

10. Kensington Anti-Theft Lock

11. Standard Nano Anti-Theft Lock

12. USB-C or USB-A Host (Through a cable to host)

Specifications

Input/Output Connector	
Upstream	USB-C Female (Connect to Host) x1
Downstream	Stream1:HDMI (DP1.4 Alt mode) x1
	Stream2:DP or HDMI (USB Mode)
	Stream3:DP or HDMI (USB Mode)
	USB-C Gen 2 10G x1
	USB-A Gen 2 10G x1
	USB-A Gen 1 5G x3
	3.5mm Audio x1
	RJ45 x1
	DC Jack x1
Mechanical	
Size (L-W-H)	8.8x3.3x0.9in - (225x85x25mm)
Weight (Net)	15.7lbs - (446g)
Warranty	
Limited Warranty	3 Years
Environmental	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Operating Humidity	10% to 85% RH (no condensation)
Storage Temperature	0°C to 70°C (32°F to 158°F)
Storage Humidity	5% to 90 % RH (no condensation)
Regulatory Approvals	
Certifications	FCC, CE
Power	
Standby Power Consumption	<30mA@20V
DC Jack	Option 1: DC 100W, max 65W to host
	Option 2: DC 134W, max 96W to host
Accessory	
User Manual	English Version

Port Specs

Type-C Female X1(to host)

- Supports DP1.4 Alt mode and Displaylink USB mode
- Allow to connect to a USB-A host via a USB-A to
- Type-C converter for extending USB-A port to be multiple ports

USB-C 10G X1

- Max 10Gbps data transmission
- Max 1.5A downstream charging
- Support short-circuit, over-current protection

USB-A 10G X1 (close to Type-C port)

-

Max 10Gbps data transmission per port

Supports max 1.5A downstream charging

- Supports short-circuit, over-current protection

USB-A 5G X3

- Max 5Gbps data transmission per port
- One port (close to 3.5mm Audio Jack) supports max 1.5A downstream charging and another 2 ports support max 900mA downstream charging per port
- Supports short-circuit, over-current protection

Video Ports

1. Stream1:HDMI x1 DP1.4 Alt mode)
2. Stream2:DP or HDMI USB Mode)
3. Stream3:DP or HDMI USB Mode)

Support to output 3 videos (Stream 1: HDMI 1;
Stream 2: DP2 or HDMI 2; Stream 3: DP3 or
HDMI 3) simultaneously with max 4K/60Hz with different picture under both windows and MacOS system (including M1).

Note: The above resolution combination is for reference, the actual video output resolution depends on the connected host and displays. When the product is connected to the host through a USB-A port, the HDMI that supports DP alt mode has no output. Supported platforms: Microsoft Windows Windows 10/8.1/8/7 / Mac OS / Android / Chrome OS / ubuntu.

Stream1: HDMI X1

Stream1: HDMI X1

- Supports max 4K/60Hz video output
- Supports HDR
- Supports HDCP2.2&HDCP1.4
- Supports RGB 8/10/12bpc YCbCr 4:4:4/ YCbCr 4:2:2/ YCbCr 4:2:0 8/10/12bpc
- When the product connect to a USB-A host, this port will no output

Stream2&3: DP or HDMI

- Supports HDMI max 4K/60Hz video output
- Supports DP max 4K/60Hz video output
- DisplayPort supports DP++ which enables to connecting a passive DP to HDMI port to connect HDMI display

RJ45 X1

- Supports 10M/100M/1000M/2.5G bandwidth
- Supports Wake-On-LAN
- Supports full duplex flow control
- Light indicates the state, no light when no connected, orange light turns on when network connection is established, green light flashes when transmitting data

Power Switch & Power indicator LED

-

The product Power Switch turns on by default

- Only after connecting power adapter and the switch is turns on the Power indicator LED will turn blue. Otherwise the LED will turns off

3.5mm Audio Jack X1

- Supports Microphone and headphones for audio in and out
- Supports CTIA

DC Power Jack X1

Dual power specication for options:

1. Option 1: DC 100W, max 65W to host,35W will delicated the functioning of the product.
2. Option 2: DC 134W, max 96W to host, 38W will delicated the functioning of the product.

Note: The dock will work only when it is connected to DC power supply. If it is not connected to DC power supply, the dock will not work.

Connection Diagram (Front Panel)

Standard Nano Anti-Theft Lock

Kensington Anti-Theft Lock

USB 10G Devices

USB 5G Devices

Headset

Power Switch

LED

Connection Diagram (Back Panel)

Ethernet Source (Max 2.5G)

20V Power Adapter

Stream3: DP2 (8K/30Hz) or HDMI2 (4k/60Hz)

Stream2: DP1 (8K/30Hz)

Stream1: HDMI1 (4K/60Hz)

TBT4/USB4/TBT3 PCs
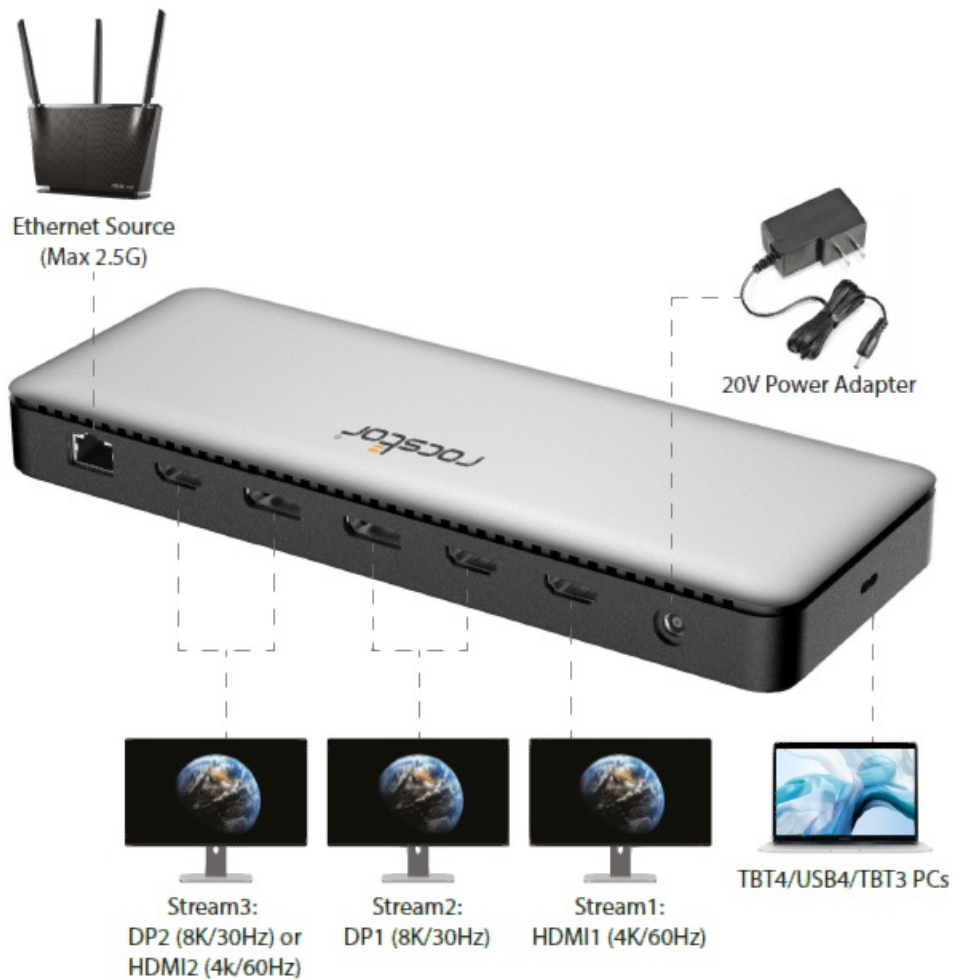
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- Resellers/Business Development/OEM Partners
- All Channel National and International Resellers, VARs, Consultants…

Disclaimer

Documents / Resources

rocstor Y10P026-S1 Triple Display Docking Station [pdf] User Manual
Y10P026-S1 Triple Display Docking Station, Y10P026-S1, Triple Display Docking Station, Display Docking Station, Docking Station, Station

References

- 🜄 **DisplayLink | Synaptics**
- **User Manual**