

VT2500 USB-C Docking Station - Multi Display MST Dock 85W Power Delivery

SKU: 901381



The VisionTek VT2500 brings style, design and performance together, providing a simple plug and play option to extend your Windows™, Mac™ or Chrome™ laptop system into a full workstation. This 11-in-1 docking station provides options for nearly any environment, professional and personal.

- Supports up to 3 Displays (HDMI or DP) via DP Alt Mode
- USB-C connection to host system
- 2x DP, 1x HDMI, 4x USB Ports, Audio, Ethernet, SD Reader, Kensington Lock
- 85W Power Delivery from included Power Supply

VT2500 - Docking Station

Key Features:

- Compatible with USB-C systems via DP Alt Mode
- Compatible with M1 Mac
- Supports up to 3 external displays
- Up to 85W USB-C Power Delivery*
- 2 x USB 3.1 Gen 1 Ports 5Gbps
- 2 x USB 2.0 Ports 480Mbps
- 2 x DisplayPort 1.4
- 1 x HDMI 2.0
- RJ45 Gigabit Ethernet Port
- Enterprise Features
 - o Wake on LAN
 - o MAC Address Pass-Through
 - o PXE Boot



*USB-C Power Supply included

Increase your productivity with our plug and play power passthrough docking station, the VisionTek VT2500 USB-C Docking Station for Windows™, Mac™ and Chrome™ laptop systems. With a single USB-C connection, you can connect up to three external displays, transfer files and data at up to 5Gbps speeds, play audio and charge mobile devices.

Front Ports:

- 1 x USB 3.1 Gen1 Port
- 1 x MicroSD Card Reader
- 1 x SD Card Reader
- 1 x 3.5mm Audio/Microphone Combo Jack
- Power Indicator Light - Blue LED When Powered On



Side Ports:

- USB-C to System*
- Kensington™ Security Lock Slot



*Must use included USB-C cable

Back Ports:

- Gigabit Ethernet Port
- 2 x USB-C Ports
- 1 x USB 3.1 Gen1 Port
- 2 x DisplayPort Ports
- 1 x HDMI Ports
- 1 x USB-C Power Supply Port



What's In The Box:

- VT2500 Dock
- USB-C to USB-C Cable
- 100W - DC 20V/5A Certified Power Adapter
- User Manual

Display Outputs Supported:

Single Display Support:

DisplayPort: Resolutions up to 3840 x 2160 @ 60Hz (4K)
 HDMI: Resolutions up to 3840 x 2160 @ 60Hz (4K)

Dual Display Support:

DisplayPort + DisplayPort: Resolutions up to 3840 x 2160 @ 30Hz (4K)
 DisplayPort + HDMI: Resolutions up to 3840 x 2160 @ 30Hz (4K)²

Triple Display Support:

DisplayPort + DisplayPort + HDMI : Resolutions up to 1920 x 1080 @ 60Hz (FHD)³

¹ macOS systems support one external display extended and one cloned external display

	1 Display	2 Displays	3 Displays
Display Connection	DP or HDMI	DP + DP or DP + HDMI	DP + DP + HDMI
Host System DP 1.2 / 1.3 HBR2 (with or without MST support)	3840 x 2160 @ 30Hz	2560 x 1440 @ 60Hz (DP) + 1920 x 1080 @ 60Hz (HDMI)	N/A

Host System DP 1.3 HBR3	3840 x 2160 @ 60Hz	3840 x 2160 @ 30Hz	N/A
Host System DP 1.3 HBR3 MST	3840 x 2160 @ 60Hz	3840 x 2160 @ 30Hz	1920 x 1080 @ 60Hz
Windows 10 Duplicate	Yes	Yes	Yes
Windows 10 Extended	Yes	Yes	Yes
macOS Duplicate	Yes	Yes	No
macOS Extended ¹	Yes	1 Extended + 1 Cloned	No

¹ M1 Mac systems support one external display extended or one cloned external display

¹ macOS systems support one external display extended and one cloned external display

Technical Specifications

Part

901381

Dock Connection

USB-C

Display Technology

DP Alt Mode

Power Adapter

100W - DC 20V/5A

Power Delivery

Up to 85W

Displays Supported

3

Maximum Resolution Supported

1 x 4K @ 60Hz (3840 x 2160) DisplayPort / HDMI
 2 x FHD @ 60Hz (1920 x 1080) DisplayPort / HDMI
 3 x FHD @ 60Hz (1920 x 1080) DisplayPort / HDMI*

*Host system requires support for DP 1.3 HBR3 and onboard graphics with MST support for 3 displays

Video Interfaces

(2) DP 1.4
 (1) HDMI 2.0

Ports

(2) USB-A 2.0
 (2) USB-A 3.1 Gen1
 (1) 3.5mm Audio/Microphone Combo Port
 (1) RJ45 Gigabit Ethernet

Cable Length

1.0m - USB-C

System Requirements

Operating Systems:

Windows 10
Window 8.1
Windows 7
macOS 10.x and later
Chrome

System Support Requirement

USB-C DP Alt Mode for video output
USB-C Power Delivery for power passthrough
MST compatibility for multi-display setup

Dock to System Connection

USB-C
Thunderbolt™ 3

Warranty

Warranty:

2 Year Limited

Product must be registered within 30 days of purchase to be covered by the full 2-Year Warranty period*. Products not registered within 30 days of purchase will default to our 1-Year Warranty period.

You may register your product here: www.visiontek.com/support/warranty-registration

For additional warranty information, please see our Warranty Page: www.visiontek.com/support/warranty-information

Environmental

Operating Temperature:

0 to 40° C (32 to 104° F)

Storage Temperature:

-10 to 70° C (-14 to 158° F)

Relative Humidity:

5% to 90% non-condensing - Operational / Storage

Dimensions & Weights

Product Information

Length: 8.15" (207mm)

Depth: 2.25" (58mm)

Height: 0.75" (20mm)

Weight: 8oz (230g)

Color: Black Polycarbonate ABS

Packaging Information

Packaging Style: Retail Box

Length: 10.4" (265mm)

Depth: 2.4" (61mm)

Height: 4.4" (112mm)

Weight: 2.2lbs (998g)

Support

Drivers

No drivers required

User Manual

Coming Soon

Spec Sheet

[Download PDF](#)

FAQ

Can the VT2500 connect to a standard USB-A port?

No, the VT2500 will only connect to systems with a USB-C port and does not include a USB-C to USB-A cable/adaptor.

Can a USB-C to USB-A adapter to attach the docking station to my laptop?

No, the VT2500 will require a direct USB-C connection.

Can I use the VT2500 on a Thunderbolt™ 3 (or Thunderbolt™ 4) system?

Yes, the VT2500 is compatible with laptops featuring a Thunderbolt™ 3 or Thunderbolt™ 4 USB-C port.

How much power pass-through can the VT2500 docking station provide?

The VT2500 docking station can provide up to 100W of power pass-through via USB-C.

Why did my dock stop working when I connected power?

When using USB-C power delivery from the VT2500 connect all peripherals and displays to the dock then connect it to your system. Once the dock is recognized and running then connect your USB-C power supply.

Why isn't my laptop receiving power from the docking station?

The VT2500 does not require a power supply to operate and will draw from the laptop's USB-C port if the included power adapter is not connected.

Why do I get a warning message on boot saying, “You have attached an undersized power adapter to your system...”?

If attaching a Third-Party USB-C power supply to the power pass-through port on the docking station, it may be providing less power than the proprietary power supply. If your computer remains charging but received this message it is trickle charging. This may mean it is providing enough power to diminish the speed at which the battery is used, or it is charging at a slower pace than normal.

How do I change the arrangement of my displays?

The display arrangement can be adjusted in your operating system’s Display Settings.

Can I set the number the monitor is identified as?

Windows will preset identifiers to the attached displays. If they match the physical orientation this identifier does not interfere with the arrangement.

Why aren't my displays working with the VT2500?

- 1) Ensure the displays are not set to Disconnect by default in Windows Display Settings.
- 2) If the cables connecting the docking station to monitors are making signal type translations, please use active type adapters/cables.

Why am I unable to get three external displays with the VT2500?

The VT2500 is only capable of outputting a signal to 3 displays at any given time. In order to achieve all 3 external displays, make sure to disable your laptop screen before enabling the 3rd display. If you are unable to disable the laptop screen, make sure to set one of your external monitors as the default display.

How can I use my Windows laptop with the lid closed and connected to the docking station?

Power and Sleep Settings > Additional Power Settings > Choose what closing the lid does > Do Nothing (On battery and/or Plugged in)

How can I use my macOS laptop with the lid closed and connected to the docking station?

System Preferences > Energy Saver > Slider set to Never

Does the VT2500 require a power supply to operate?

No, the VT2500 will operate without a power supply drawing all necessary power from the attached laptop’s USB-C port.

What is the difference between Power Delivery and Power Passthrough?

Power Delivery implies the docking station is both powered and providing power to the attached laptop while Power Passthrough implies the docking station does not require a power supply to operate but can pass through power from a third-party power supply.

Does the VT2000 require drivers to operate?

No, the VT2500 operates utilizing USB-C with DisplayPort (DP Alt Mode).

What Operating Systems is the Dock compatible with?

Windows 10, Windows 8.1, Windows 7, macOS

Can a display adapter be used with the VT2500?

Yes, however, please use an active adapter when making signal type translations.

Does the VT2500 docking station work with Apple M1 chipset macOS systems?

Yes, the VT2500 is compatible with Apple M1 chipset macOS systems. However, display configurations are limited to a single extended while secondary and tertiary displays are cloned.

Can I use the VT2500 docking station to connect to a VGA or DVI display?

Yes, however, please use an active adapter when making signal type translations.

Is the VT2500 plug-and-play?

Yes, the VT2500 will operate once attached to the host system. This device does not require a driver installation.

Can the VT2500 be configured to extend all three external displays?

Yes, however, this requires DP Alt Mode HBR3 DP 1.3 support with support for MST.

Is external power via the USB-C power input only required when attempting to power a laptop?

Yes, the USB-C power pass-through port is for USB-C power supplies to provide laptop charging.

Does the VT2500 support ultrawide resolutions?

No, the VT2500 does not support ultrawide resolutions.

Does the VT2500 support DisplayPort MST daisy-chain connections?

No, the VT2500 does not support this DisplayPort feature.

For California Residents Only:

WARNING: Cancer and Reproductive harm. For more information, go to www.p65warnings.ca.gov

* Please, Note that Proposition 65 may be best defined as a “Right To Know” law in California and Prop 65 warning labels are not an indication that a product is violating safety standards or regulations. The Prop 65 warning label does not mean our products inevitably cause cancer or reproductive harm. We do not consider our products harmful when used as intended. However, it is a necessary precaution to provide the warning because of this California law.