

VT5400 Dual Display 4K Thunderbolt™ 4 Docking Station with 80W Power Delivery

SKU: 901504



VT5400 Dual Display 4K Thunderbolt™ 4 Docking Station with 80W Power Delivery provides a high-performance docking station solution for your compatible Windows™ and Mac™ laptop systems. Perfect for mixed system environments, the VT5400 Thunderbolt 4™ dock is custom-built for gaming environments as well as business and home offices.

- Supports 2 Displays via Thunderbolt™ 4
- Thunderbolt™ 4 connection to host system
- 1x HDMI, 1x DP, 5x USB-A 10 Gbps, Thunderbolt™ 4, Audio, SD card Reader, Ethernet
- 80W of Power Delivery

VT5400 - Docking Station

Key Features:

- Compatibility with Thunderbolt™ 3 / 4 systems
- Supports up to 2 external displays
- Supports daisy chaining an additional Thunderbolt™ 3 / 4 device
- Up to 80W USB-C Power Delivery*
- 5 x USB 3.1 Gen 2 Ports 10Gbps
- 1 x Thunderbolt™ 4 Port, for connecting Thunderbolt™ 3 / 4 displays or accessories
- 1 x DisplayPort 1.4
- 1 x HDMI 2.0
- RJ45 Gigabit Ethernet Port
- Kensington™ Security Lock Slot
- TAA Compliant
- Enterprise Features
 - o Wake on LAN
 - o MAC Address Pass-Through
 - o PXE Boot

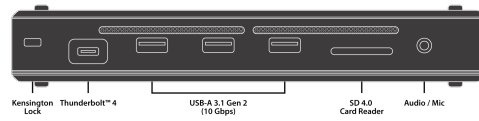


*Power Supply included

Experience the productivity and convenience of dual external monitors via Thunderbolt 4™ connection. Improving data and video performance, our Thunderbolt 4™ dock is ideal for content creators, gamers and streamers who want to record and capture video at the highest settings possible. Offering the most compatibility and best performance possible, the VT5400 docking station provides versatility without sacrificing power.

Front Ports:

- 1 x Kensington™ Security Lock Slot
- 1 x Thunderbolt™ 4 Port
- 3 x USB 3.1 Gen 2 (10 Gbps) Ports
- 1 x SD 4.0 Card Reader
- 1 x 3.5mm Audio/Microphone Combo Jack



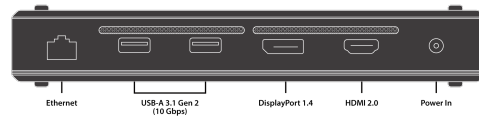
Side Ports:

- 1 x Thunderbolt™ 4 Port to System



Back Ports:

- Gigabit Ethernet Port
- 2 x USB 3.1 Gen 2 (10 Gbps) Ports
- 1 x DisplayPort
- 1 x HDMI
- DC 19V/6.32A Barrel Power Port



What's In The Box:

- VT5400 Dock
- Thunderbolt™ 4 Cable (0.8m / 2.62ft)
- 120W - DC 19V/6.32A 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)
- Thunderbolt™ 4: Resolutions up to 7,680 x 4320 @ 30Hz (8K)

Dual Display Support:

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

	1 Display	2 Displays
PC	7680 x 4320 @ 30Hz (Thunderbolt™ 4) 3840 x 2160 @ 60Hz (DP / HDMI / USB-C DP-Alt Mode from Thunderbolt™ 4 Port) 2560 x 1440 @ 144Hz (DP, Thunderbolt™ 4) 1920 x 1080 @ 240Hz (DP, Thunderbolt™ 4)	3840 x 2160 @ 60Hz
Intel Mac	3840 x 2160 @ 60Hz	3840 x 2160 @ 60Hz
M1 / M2 Mac	3840 x 2160 @ 60Hz	N/A
M1 Pro / Max Mac	3840 x 2160 @ 60Hz	3840 x 2160 @ 60Hz

- *Windows supports up to 2 displays extended or cloned
- *macOS supports up to 2 displays extended or cloned
- *M1 / M2 Mac supports 1 display cloned or extended
- *M1 Pro / Max Mac supports 2 display cloned or extended

Technical Specifications

Part

901504

UPC

810078050773

Dock Connection

Thunderbolt™ 4

Display Technology

Thunderbolt™ 4

Power Adapter

120W - DC 19V/6.32A

Power Delivery

Up to 80W

Displays Supported

2

Maximum Resolution Supported

- 1 x 8K @ 30Hz (7680 x 4320) Thunderbolt™ 4
- 1 x 4K @ 60Hz (3840 x 2160) DisplayPort or HDMI
- 2 x 4K @ 60Hz (3840 x 2160) DisplayPort + HDMI

- *M1 / M2 Mac supports 1 display cloned or extended
- *M1 Pro / Max Mac supports 2 display cloned or extended

Video Interfaces

- (1) DP 1.4
- (1) HDMI 2.0

Ports

- (5) USB-A 3.1 Gen 2 (10Gbps)
- (2) Thunderbolt™ 4
- (1) 3.5mm Audio/Microphone Combo Port
- (1) RJ45 Gigabit Ethernet

Cable Length

0.8m - Thunderbolt™ 4

System Requirements

Operating Systems:

Windows 10
macOS 10.12 and later

System Support Requirement

Thunderbolt™ 3 or Thunderbolt™ 4

Dock to System Connection

Thunderbolt™ 4

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 35° C (32 to 95° F)

Storage Temperature:

-10 to 70° C (-14 to 158° F)

Relative Humidity:

10% to 90% non-condensing - Operational / Storage

Dimensions & Weights

Product Information

Length: 8.23" (209mm)

Depth: 2.93" (74.5mm)

Height: 1.22" (31mm)

Weight: 1lbs 2.2oz (516g)

Color: Black

Packaging Information

Packaging Style: Retail Box

Length: 11.10" (282mm)

Depth: 6.5" (165mm)

Height: 4.09" (104mm)

Weight: 4lbs 3.2oz (1905g)

Support

Drivers

No drivers required

User Manual

[VT5400 User Manual EN \(577 KB\)](#)

Spec Sheet

[Download PDF](#)

FAQ

What drivers do I download for the VT5400 docking station?

The VT5400 docking station does not require drivers to operate. It will require a laptop featuring USB-C with Thunderbolt™ 3 (or Thunderbolt™ 4).

I do not have a laptop with a Thunderbolt™ 3 or Thunderbolt™ 4 port, can I use this docking station?

No, the VT5400 is only compatible with Thunderbolt™ 3 (or Thunderbolt™ 4) systems.

Where is the Thunderbolt™ Control Center located?

The Thunderbolt Control Center can be located in your system tray.

*Or found on via the following mapping: C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Thunderbolt™ Software

How much power delivery can the VT5400 docking station provide?

The VT5000 docking station can provide up to 80W of power delivery via USB-C.

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

The VT5400 can only provide 80W of power delivery. Check the proprietary power supply recommended wattage.

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

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 rate 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.

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

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.

How do I check which version of Thunderbolt™ software, firmware, and drivers I am running in Windows?

To check which version of the Thunderbolt™ software, NVM firmware, and drivers you are running, do the following: Click Start. Type Thunderbolt and click on the search result. In the system tray, right-click the Thunderbolt™ icon. Click Settings > Details. Review the versions of the software package, NVM firmware, PD firmware, and drivers. If you are not running the latest versions, navigate to your system manufacturer's website and download the latest versions.

What Operating Systems is the Dock compatible with?

Supported Operating Systems:

Windows 11, Windows 10, macOS 10.12 or later

Can I use an adapter to translate the DisplayPort output to another signal type?

Yes, however, an active adapter/cable is required.

Is the VT5400 plug-and-play?

Yes, once attached to a Thunderbolt™ 3 or Thunderbolt™ 4 system and the device's connection is approved in the Thunderbolt™ Control Panel.

Does the VT5400 support DisplayPort MST daisy-chain connections?

No, the VT5400 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.