VT210 Dual Display USB-C Docking Station with Power Passthrough

SKU: 901525



- Supports up to 3 Displays (HDMI, DP or VGA) via DP Alt Mode
- USB-C connection to host system
- 1x DP, 1x HDMI, 1x VGA, 2x USB-A Ports, 1x USB-C 5Gbps Data Port
- 100W Power Delivery Supported, Power Supply not included

VT210 - Docking Station

Key Features:

- Compatibility with USB-C via DP Alt Mode
- Compatible with M1 Mac
- Supports up to 2 external displays*
- 2 x USB 3.0 Ports 5Gbps
- 1 x USB-C Data Port 5Gbps
- 1 x USB-C Power Passthrough Port
- 1 x DisplayPort 1.2
- 1 x HDMI 1.4
- 1 x VGA
- Power Passthrough from USB-C Charger (not included)
- Supports up to 100W Power Passthrough

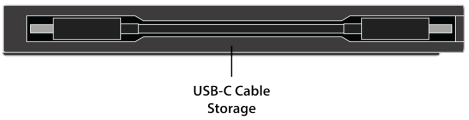


When laptop display is disabled 3 displays @ 720P are supported

With a single USB-C connection, you can connect up to two external displays, transfer files and data at up to 5Gbps speeds and charge mobile devices. Connect a USB-C power supply and passthrough up to 100W to your laptop.

Front Ports:

- 1 x USB-C Storage
- 1 x USB-C Cable 4"



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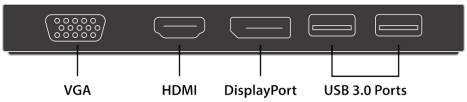
Side Ports:

- 1 x USB-C to System
- 1 x USB-C Power Passthrough
- 1 x USB-C Data Port



Front Ports:

- 1 x VGA
- 1 x HDMI
- 1 x DisplayPort
- 2 x USB 3.0 Port



What's In The Box:

- VT210 Dock
- USB-C to USB-C Cable 4" (0.1m)
- User Manual

Single Display Support:

DisplayPort: Resolutions up to 3840 x 2160 @ 30Hz (4K)
HDMI: Resolutions up to 3840 x 2160 @ 30Hz (4K)
VGA: Resolutions up to 1920 x 1080 @ 60Hz (FHD)

Single Display Support:

DisplayPort: Resolutions up to 3840 x 2160 @ 30Hz (4K)
HDMI: Resolutions up to 3840 x 2160 @ 30Hz (4K)
VGA: Resolutions up to 1920 x 1080 @ 60Hz (FHD)

Dual Display Support:

DisplayPort: Resolutions up to 2048 x 1152 @ 60Hz
HDMI: Resolutions up to 2048 x 1152 @ 60Hz
VGA: Resolutions up to 1920 x 1080 @ 60Hz (FHD)

Triple Display Support:

DisplayPort: Resolutions up to 1280 x 720 @ 60Hz (720p)
HDMI: Resolutions up to 1280 x 720 @ 60Hz (720p)
VGA: Resolutions up to 1280 x 720 @ 60Hz (720p)

*Windows systems support up to two external displays extended or cloned

Technical Specifications

Part

901525

Dock Connection

USB-C

Display Technology

DP Alt Mode

Power Adapter

Not Included

Power Delivery

Up to 100W

**Power adapter not provided*

Displays Supported

2

Maximum Resolution Supported

1 x 4K @ 30Hz (3840 x 2160) DisplayPort
2 x FHD @ 60Hz (1920 x 1080)
3 x HD @ 60Hz (1280 x 720)*

**Laptop display must be disabled*

Video Interfaces

(1) DP 1.2
(1) HDMI 1.4
(1) VGA

Ports

(2) USB-A 3.0
(1) USB-C 3.1 Gen1
(1) USB-C Power Passthrough Only

Cable Length

0.1m - USB-C - USB-C

System Requirements

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Operating Systems:

Windows 10
Window 8.1
Windows 8
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

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:

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

Dimensions & Weights

Product Information

Length: 5.0" (127mm)

Depth: 2.5" (63.5mm)

Height: 0.6" (14mm)

Weight: 3.3oz (94g)

Color: Black ABS

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Packaging Information

Packaging Style: Retail Box

Length: 7.38" (188mm)

Depth: 5.38" (137mm)

Height: 1.0" (25mm)

Weight: 5.8oz (165g)

Support

Drivers
No drivers required

User Manual
Coming Soon

Spec Sheet

Download PDF

FAQ

Can the VT210 connect to a standard USB-A port?
No, the VT210 will only connect to systems with a USB-C port and does not include a USB-C to USB-A cable/adapter.

Can a USB-C to USB-A adapter to attach the docking station to my laptop?
No, the VT210 will require a direct USB-C connection.

Can I use the VT210 on a Thunderbolt ™ 3 (or Thunderbolt™ 4) system?
Yes, the VT210 is compatible with laptops featuring a Thunderbolt™ 3 or Thunderbolt™ 4 USB-C port.

How much power pass-through can the VT210 docking station provide?
The VT210 docking station can provide up to 100W of power pass-through via USB-C.

Why isn’t my laptop receiving power from the docking station?
The VT210 does not require a power supply to operate and will draw from the laptop’s USB-C port.

My VT210 did not include a power supply.
The VT210 does not include a power supply and is not required for operation. It will operate solely on the power provided from the laptop’s USB-C port.

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.

Why aren’t the displays attached to VT210 working?
Please ensure that the provided USB-C cable is in use for proper functionality. Also ensure you are connecting the laptop via the side of the docking station with the single USB-C port.

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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

Can I attach a third-party USB-C power supply to the VT210?
Yes, if your laptop has a proprietary USB-C charger or a third-party charger is available these can be used to provide power through the docking station to the laptop. Please note, the VT210 is only capable of providing a maximum of 100W of power pass-through.

Does the VT210 require a power supply to operate?
No, the VT210 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 VT210 require drivers to operate?
No, the VT210 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 VT210?
Yes, however, please use an active adapter when making signal type translations.

Why am I unable to get three external displays with the VT210?
The VT210 is only capable of outputting signal to two displays at any given time. *Thunderbolt 3 and newer will support three displays at 1280x720p @ 60 Hz.

Why aren't my displays working with the VT210?
Ensure the displays are not set to Disconnect by default in Windows Display Settings.

Is the VT210 plug-and-play?
Yes, the VT210 does not require drivers to operate.

Does the VT210 support DisplayPort MST daisy-chain connections?
No, the VT210 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.**