

PCIe USB-C Video & Data Expansion Card

Upgrade Desktop PCs & Workstations with Dual USB-C Ports for Video, Data, and High-Speed Storage

Model No. PCIE-CV410

Serial Name: FusionLink

Version: 1.0

This PCIE-CV410 Fusionlink PCIe USB-C Video Output Converter Card is designed for desktop PCs and workstations, bringing high-speed USB-C connectivity and 4K video output to traditional systems. Simply install it into a PCIe slot on the motherboard, and your existing PC can be easily upgraded to meet the demands of modern peripherals. The card is equipped with two USB-C ports: one 10Gbps high-speed data port for external SSDs, hard drives, or card readers, and another port that supports both **4K/60Hz** video output and 10Gbps data transfer. With a USB-C monitor or docking station, users can enjoy a single-cable solution, combining high-quality video with fast data transmission while keeping the workspace clutter-free.

For display compatibility, the card features a **miniDP 1.4 input**, which converts the DisplayPort signal from a graphics card into USB-C DisplayPort Alt Mode, enabling direct connection to USB-C monitors. Whether for single or multi-display setups, the card delivers seamless performance. With support for **PCIe x4/x8/x16** high-speed bandwidth, this expansion card ensures stable data transfer and reliable video output. It is particularly suitable for creative professionals such as designers, video editors, and 3D rendering engineers, as well as for researchers and enterprise laboratories that require expanded peripheral compatibility. For DIY PC builders and enthusiasts, it provides an easy way to give older platforms the benefits of modern USB-C efficiency.



Features

- Dual USB-C ports: 10Gbps data + 4K/60Hz video with data.
- miniDP 1.4 input for USB-C DisplayPort Alt Mode.
- 4K/60Hz video output for sharp and smooth display.
- 10Gbps high-speed data transfer for SSDs and storage.
- PCIe x4/x8/x16 slot compatibility.
- One-cable solution for video + data via USB-C monitor/doc
- Compatible with Windows, Linux

Applications

- Add USB-C 10Gbps high-speed data ports to traditional desktop PCs or workstations.
- Convert miniDP to USB-C DisplayPort Alt Mode, supporting 4K/60Hz monitors.
- Single-cable solution for simultaneous video and data transfer, ideal for USB-C monitors or docking stations.
- Suitable for multi-monitor setups, creative design, video editing, 3D rendering

Specifications

Host Connectors	1 - PCI Express x4
Input	miniDP (v1.4)
Output	1 x USB-C (10Gbps) 1 x USB-C (1DP Video with 10Gbps)
Video Resolution	4K/60Hz
Type and Rate	USB 3.2 Gen 2 - 10 Gbit/s
Card Type	Standard Profile (LP bracket incl.)
Product Dimension	80 x 57 x 120mm / 80 x 57 x 80mm
Product Weight	120g

**Product appearance and specifications are subject to change without notice.*

