



## Sonnet Echo II DV Desktop

**ProdCode: SONECHO2DDVTB3**

2-slot Desktop Thunderbolt to PCIe Card Expansion for Optimal DV Expansion for Bandwidth-hungry DV I/O Cards



[Download Images] (.zip file)

### Features

- 2-slot Desktop Thunderbolt to PCIe Card Expansion for Optimal DV Expansion for Bandwidth-hungry DV I/O Cards
- **Two Versatile PCIe Slots**
  - Thunderbolt Desktop Expansion System for Power-hungry AV I/O Cards
  - Supports Two Full-height, Full-length PCIe Cards, Each at Full Bandwidth
  - Two x16 PCIe 3.0 Slots
  - Up to Double the Bandwidth for Double the Video Channels
  - Supports Every Single-width Thunderbolt-compatible non-GPU Card
  - View PDF of Supported PCIe Cards
- **400W of Power**
  - Built-in 400W Power Supply with 2x 75W Auxiliary Power Connectors
  - Supports Power-hungry, non-GPU Cards such as AJA Kona 5 and Blackmagic DeckLink 4K Extreme 12G PCIe Cards
  - Powers On and Off Automatically with Connected Computer
- **Quiet Fans**
  - Dual Noctua Fans Offer Ultra-quiet Operation
  - Temperature-controlled, Variable-speed

- Rated at 17 dbA
- **Thunderbolt 3 Interface**
  - Two Thunderbolt 3 Ports (Two Reserved for Connection to Host Computer)
  - Independent Thunderbolt Connection to Each Card Slot
  - 40Gbps Thunderbolt Interface Offers 3000 MB/s of PCIe Bandwidth with Thunderbolt 4 computers; 2570 MB/s with Thunderbolt 3
  - Compatible with Apple® M series and Intel® Thunderbolt 4 and Thunderbolt 3 Computers
  - Two Thunderbolt Cables Included
  - Two ThunderLok 3 Thunderbolt Connector Retainer Clips Included

## **Connect Two Demanding DV I/O Cards to Computers with Thunderbolt 4 or Thunderbolt 3 Ports**

For creative pros in the audio and video broadcasting industries, using the latest high-performance notebook, compact desktop, and all-in-one computers require multiple I/O ports. While these Mac®, Windows®, and Linux® computers include high-performance Thunderbolt™ 4 or Thunderbolt 3 ports, they lack PCIe expansion slots to install specialty cards with dedicated bandwidth to each card.

### **Make Your Broadcast Studio – Echo II DV Desktop**

Computers such as Mac Studio and other M series Mac computers feature powerful Thunderbolt/USB4 ports, each individually driven by their own dedicated Thunderbolt bus. To harness this dedicated power, Sonnet has a creative solution — the Echo™ II DV Desktop — a professional Thunderbolt to PCIe card expansion system that enables you to connect two (up to) full-length (12.28 inches long) PCIe cards at the same time, via two cables. The Echo II DV Module exploits your computer's full potential, connecting two PCIe 3.0 card slots — each with its own Thunderbolt interface — for you to install two bandwidth-hungry DV I/O cards in one enclosure.

Note: For maximum performance with more than one bandwidth-hungry PCIe card, such as the DeckLink 8K, this product requires connection to two Thunderbolt ports on computer.

When your computer has only one Thunderbolt port, you can still use Echo II DV Desktop. Because each PCIe card slot is supported by its own Thunderbolt interface with two Thunderbolt ports, you can take advantage of Thunderbolt's daisy-chaining feature. Simply connect one Thunderbolt interface to the other using one of the two supplied Thunderbolt cables, and use the other cable to connect to the computer.

