



## Sonnet xMac mini (2024+)/Echo III System

ProdCode: SONXMMSYSIII

xMac mini (2024+) 2U Rackmount System with Echo III Module



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### Features

- xMac mini (2024+) Enclosure Systems
- **Connects PCIe Card Slots to Mac mini**  
Use high-performance PCIe cards with the Mac mini computers.
- **Makes Your Mac minis Road-ready**  
A rugged steel-framed module with rubber-cushioned brackets securely mounts Mac minis, all housed within a 2U rackmount enclosure that can also house an additional expansion module — enhancing mobility and streamlining your workflow.
- **Perfect for Use in Server Rooms**  
Standard mounting holes and included adjustable rack rails enable easy installation into any standard server rack 16" to 24" deep.
- **Front Panel Power Buttons**  
Front panel buttons enable easy and reliable operation of the Mac minis' bottom-mounted power buttons.
- **Port and Slot Access**  
Direct access is provided to the front ports of the front-mounted Mac mini, while a front-panel USB-C port connects to the rear-mounted unit. A passthrough opening allows cable connections to both, with full access to all rear ports on each computer.
- **Front to Back Airflow Management**

Supports direct airflow through the Mac minis and Thunderbolt expansion module to keep them operating as cool in a rack as on a desk, even when xMac mini (2024+) is mounted between two other rack-mounted components.

- **Easy Access**

Secured with two thumbscrews each to the back of the enclosure, the xMac mini (2024+) Module and Thunderbolt expansion module can be removed and reinstalled through the front of the enclosure.

- **Power Hub**

Single power connection for one or two Mac minis.

- **Space for Storage**

Beneath the computers, space to place two Thunderbolt or USB SSDs (sold separately) is provided.

# **Pro Modular 2U Rackmount Plus Thunderbolt to PCIe Card Expansion Systems for Mac mini (2024+)**

## **Optimized for Professional Workflow Expansion**

- Audio
- Video
- Colour Grading
- Photography
- DITs
- Event Productions
- Broadcasts

## **Connect Demanding Audio and Video Cards to Your Mac mini**

The latest Mac mini delivers exceptional processing power, rivaling systems many times its size and cost. Yet in professional environments, raw performance alone isn't enough—workflows often require secure rack mounting and expanded connectivity beyond what the Mac mini provides out of the box.

xMac mini (2024+) systems solve this challenge, seamlessly integrating one or two Mac minis into a rugged, compact 2U steel rackmount enclosure. Each system combines a dedicated computer mounting module with a Thunderbolt to PCIe card expansion module, delivering the connectivity, flexibility, and reliability demanded by today's most intensive audio, video, and broadcast production workflows.

## **Easy Access to Mac minis and PCIe Card Expansion Module**

xMac mini (2024+) keeps your Mac minis safely tucked away while providing easy-to-use power buttons for each one — so you can turn them on with just a press. Access is provided to the front ports on the mini mounted in front. A USB-C port provides a connection to the mini mounted in the rear, while a cable passthrough on the front panel enables connection of front computer's USB connectors to the rear of the rack. The computer mounting and PCIe card expansion modules are secured with two rear panel thumbscrews each, enabling you to easily pull out and access the modules and installed computers and PCIe cards through the front of the enclosure. The xMac mini (2024+) design enables you to connect and disconnect cables without needing to remove the computers from the module.

## **Connect Specialty Audio and Video Cards**

- **Preconfigured**

Systems Tailored to Your Workflow

For many creative professionals, connecting a Thunderbolt to PCIe card expansion system to their computer is essential for utilizing specialized hardware — such as audio I/O and DSP cards, video capture and playback cards, NVMe SSD storage, and other high-performance adapters – required for their demanding workflows. With a Sonnet preconfigured system, choose a configuration with the PCIe card expansion module that best fits your needs.

- **Flexible**

Prefer Options? Add Your Own Module

xMac mini (2024+) enclosure system is available without a PCIe card expansion module, allowing you to install one later or use an Echo I, Echo II DV, or Echo III expansion module you may already own from an existing Sonnet Thunderbolt expansion system.

- **Maximum Expansion**

Need to Maximize Mac mini Density?

Mount four Mac minis in just 2U of rack space with by configuring an xMac mini (2024) system with an additional xMac mini (2024+) Module.

## **Preconfigured Systems**

### **xMac mini (2024+)/Echo III System**

#### **Three Card Expansion for One Mac mini**

System Details:

xMac mini (2024+)/Echo III is a versatile expansion system that supports three full-height, full-length PCIe cards. Certified with Avid Pro Tools | HDX cards.

#### **Includes:**

- 2U rackmount enclosure
- xMac mini (2024+) Module
- Echo III Module

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### **xMac mini (2024+)/Echo II DV System**

#### **Two Card Expansion for One or Two Mac minis**

System Details:

xMac mini (2024+)/Echo II DV is a powerful expansion system featuring dual

Thunderbolt interfaces with full Thunderbolt PCIe bandwidth to each PCIe slot. Connect two full-height, full-length, single-width DV I/O or other bandwidth-hungry PCIe cards. Connect one card each to two minis — or two cards to one mini — via two Thunderbolt cables.

**Includes:**

- 2U rackmount enclosure
- xMac mini (2024+) Module
- Echo II DV Module

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## **xMac mini (2024+) System**

### **One or Two Mac minis + Optional Modular Expansion**

**System Details:**

xMac mini (2024+) is a flexible 2U rackmount expansion system featuring one xMac mini (2024+) Module and an open expansion bay for your choice of expansion module.

**Includes:**

- xMac mini (2024+) Module
- 2U rackmount enclosure (with available bay for expansion module)

## **Expansion Modules**

### **xMac mini (2024+) Module**

Expansion module for one or two Mac minis

- Securely holds Mac minis for transport
- Rugged steel frame protects installed Mac minis
- Open access to the computers' ports in back

### **Supports the Mac mini Thermal Design**

xMac mini (2024+) enclosure system secures your Mac minis without trapping them in recirculating hot rack air, supporting their thermal design to keep them as cool in a rack as out on a desk. Ventilation holes on the xMac mini module's front panel plus enclosed chambers beneath the computers ensures their ability to draw in cool air through their bases, while a completely open back enable them to expel warm air out

the back unimpeded.

## **Secure Two Thunderbolt or USB SSDs Beneath the Mac minis**

Space is provided beneath the computers to store two Thunderbolt or USB SSDs (sold separately) at maximum size of 3.2 inches wide by 0.75 inch tall. The space is also suitable for other thin, bus-powered devices.

## **Your Workflow Made Mobile**

Do you need to take your workflow on the road? xMac mini (2024+) is a perfect travel solution. Its 16.5-inch mounting depth – plus brackets with firm rubber cushions that securely hold your Mac minis in place during transport – make xMac mini (2024+) perfect for use in molded rack cases from Gator Cases, fly racks from SKB Cases, or most any travel rack.

### **In the box:**

- 2U rackmount enclosure
- xMac mini (2024+) Module
- Echo III Module (3-slot Thunderbolt to PCIe card expansion)
- Two region-specific power cables
- 6-pin auxiliary power cable
- 0.8- meter Thunderbolt cable
- ThunderLok-A connector lock
- Extension rails for rack depth 16-24 inches
- User's Guide

