

AJA Io Xpand v1.0 Firmware - Release Notes

Firmware for Io Xpand

Introduction

AJA Io Xpand is a new product release and is a Thunderbolt™ 5 expansion solution that enables users to connect a full-height, half-length PCIe card to Mac, Windows, or Linux computers with Thunderbolt or USB4 ports. Modern laptops and small-form-factor systems deliver impressive processing power but often lack the PCIe expansion required for professional I/O, networking, storage, and media workflows. Io Xpand solves this by offering a x8 PCIe* 4.0 slot, support for single- or double-width cards, and up to 6000 MB/s bi-directional PCIe bandwidth.

Be sure to consult the Installation and Operation Guide (user manual) for detailed information about features and configuration guidelines. The most current documentation can always be found on the [Io Xpand Support page](#).

*x4 electrical support

Features in v1.0 Firmware

- Up to 6000 MB/s of bi-directional Thunderbolt 5 performance to the installed PCIe card
- Supports AJA KONA and Corvid PCIe cards*
- Supports full height, ½ length, x4 Gen 4 PCIe cards
- Supports double-width PCIe cards and PCIe cards with daughter cards
- 6 pin auxiliary power connector and cable for cards requiring additional power
- Compatible with PCIe 4.0, 3.0, 2.0, and 1.1 cards
- Nearly silent operation via temperature-controlled fan
- Thunderbolt 5, 4, 3 and USB4 compatible
- Includes Thunderbolt 5 cable and securing bracket
- Thunderbolt daisy-chain via second Thunderbolt port
- Lightweight and rugged aluminum enclosure
- Windows, macOS, and Linux compatible
- Two-year warranty

*Corvid products are designed for Developers, so some Desktop Software features may not be available. Please contact AJA Technical Support for more information.

Technical Support

AJA Technical Support is free and available to help you answer questions or resolve issues with any of your AJA products.

To contact AJA Technical Support:

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