

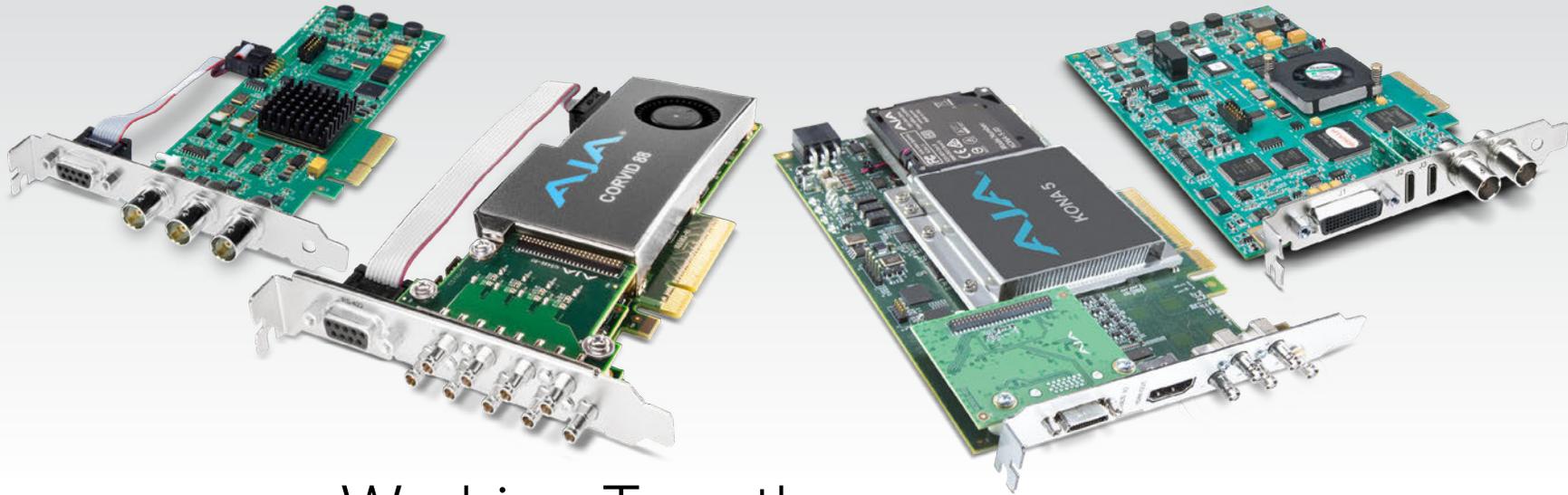


Developer Program

July 2021

AJA | Developer Program

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YEAR
WARRANTY



Working Together

AJA's Developer program allows partner companies to incorporate AJA products into their systems. By utilizing existing, proven video I/O devices, partners leverage AJA's expertise to develop and support these technologies, saving money and getting their integrated products to market more quickly.

AJA technology is at the core of many great products. Superior quality and a straightforward development kit makes AJA's Developer products easy to integrate into any Windows, macOS or Linux environment.

AJA has a long history of building high quality, reliable video devices for the video industry. The AJA Developer Program provides you with access to that pedigree for integration into your own products.

Many of AJA's retail products are available for developer use. Whether you need to incorporate conversion technology into a prebuilt package using one of our full range of Mini-Converters, or integrate a KONA video I/O card into a custom setup, you have access to all the power and quality of AJA.

For more specific applications, the Corvid family of products uses the same technology as the retail cards but provides alternate form factors that allow you to further customize your configuration.

From single channel I/O to multiple simultaneous I/O streams, broadcast IP, multichannel HDMI capture, optical fiber, HDR or 12G-SDI I/O, there's a Developer product to fit every need.

AJA's comprehensive SDK and development tools will help you integrate into any environment with support for Windows®, macOS® and Linux®. As a developer partner, you will have direct access to AJA's technical support team, which is known throughout the industry for fast and effective response.



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Other models available: Corvid 88 Fanless, Corvid 88 Low Profile and Corvid 88 Fanless Low Profile

Corvid 88 \$2,795

High Density Multi-Stream, Multi-Format I/O

- 4K/UltraHD/2K/HD/SD up to dual 4K 50/60p
- 8x bidirectional 3G-SDI connections with 16-channel embedded audio
- RGB 4:4:4 12-bit, YCbCr 4:2:2 10-bit and HFR support
- 4x independent Mixer/Keyer widgets.
- 8x independent 16-ch 48 kHz SDI embedded audio I/O engines
- 4K Closed Caption Support
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG and Dolby Vision Support
- HDR Metadata Capture and Auto Playback Detection
- Reference/LTC Input on card (Analog black burst or Tri-level)
- Full height and half height models
- RS-422 on internal header or bracket with full height model
- LTC input on internal header
- Includes support for the new Apple M1 chip



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Other models available: Corvid 44 12G Fanless, Corvid 44 12G Low Profile and Corvid 44-12G BNC

Corvid 44 12G \$2,495

Compact 12G-SDI Power

- 8K/UltraHD2/4K/UltraHD/2K/HD/SD, including multi-channel 4K up to 50/60p
- 4x bidirectional 12G-SDI HD-BNC connections with 16-channel embedded audio per connection for a total of 64-channel/32-channel support for 8K workflows
- RGB 4:4:4 12-bit, YCbCr 4:2:2 10-bit and HFR support
- Dynamic FPGA Firmware Reconfiguration
- 4K Closed Caption Support
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG and Dolby Vision Support
- HDR Metadata Capture and Auto Playback Detection
- Reference/LTC Input on card (Analog black burst or Tri-level)
- Full height and half height models
- RS-422 on internal header or bracket with full height model
- LTC input on internal header
- Active or passive heatsink
- Includes support for the new Apple M1 chip



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Other models available: Corvid 44 12G Fanless, Corvid 44 12G Low Profile and Corvid 44-12G BNC

Corvid 44 12G BNC \$2,895

Compact 12G-SDI Power

- 8K/UltraHD2/4K/UltraHD/2K/HD/SD, including multi-channel 4K up to 50/60p
- 4x full-size bidirectional 12G-SDI connections with 16-channel embedded audio per connection for a total of 64-channel/32-channel support for 8K workflows
- RGB 4:4:4 12-bit, YCbCr 4:2:2 10-bit and HFR workflows supported
- Dynamic FPGA Firmware Reconfiguration
- 4K Closed Caption Support
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG and Dolby Vision Support
- HDR Metadata Capture and Auto Playback Detection
- Ref/LTC input on internal header (Analog black burst or Tri-level), RS-422 on internal header
- Active or passive heatsink
- Includes support for the new Apple M1 chip



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Other models available: Corvid 44 Fanless, Corvid 44 Low Profile and Corvid 44 Fanless Low Profile

Corvid 44 \$1,895

Flexible Multi-Format I/O

- 4K/UltraHD/2K/HD/SD up to 50/60p
- 4x bidirectional 3G-SDI connections with 16-channel embedded audio
- RGB 4:4:4 12-bit, YCbCr 4:2:2 10-bit and HFR support
- 2x independent Mixer/Keyer widgets.
- 4x independent 16-ch 48 kHz SDI embedded audio I/O engines
- 4K Closed Caption Support
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG and Dolby Vision Support
- HDR Metadata Capture and Auto Playback Detection
- Reference/LTC Input on card (Analog black burst or Tri-level)
- Full height and half height models
- RS-422 on internal header or bracket with full height model
- LTC input on internal header
- Includes support for the new Apple M1 chip

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Corvid 44 BNC \$1,895

Flexible Multi-Format I/O

- 4K/UltraHD/2K/HD/SD up to 50/60p
- 4x full-size bidirectional 3G-SDI spigots with 16-channel embedded audio
- RGB 4:4:4 12-bit, YCbCr 4:2:2 10-bit and HFR workflows supported
- 2x independent Mixer/Keyer widgets.
- 4x independent 16-ch 48 kHz SDI embedded audio I/O engines
- 4K Closed Caption Support
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG and Dolby Vision Support
- HDR Metadata Capture and Auto Playback Detection
- Ref/LTC input on internal header (Analog black burst or Tri-level)
- RS-422 on internal header
- Includes support for the new Apple M1 chip



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Corvid 22 \$1395

Multi Channel 3G-SDI HD I/O

- 2K up to 25p, HD/SD up to 60p
- 4x 3G-SDI spigots (2x In, 2x Out) with 16-channel embedded audio
- 2-In/2-Out mode supporting dual video + key or dual down-stream keyers
- RGB 4:4:4 8-bit, YCbCr 4:2:2 10-bit workflows supported
- 2x independent Mixer/Keyer widgets.
- 2x independent 16-ch 48 kHz SDI embedded audio I/O engines
- Reference/LTC Input on card (Analog black burst or Tri-level)
- Includes support for the new Apple M1 chip



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Corvid HEVC \$4,995

Real time 4K and Multi-Channel HEVC Encoding

- 4x 3G-SDI input spigots with 16-channel embedded audio
- 1x 4K/UltraHD stream up to 59.94p, or 4x 1080p up to 60p
- HEVC Main and Main10 profiles
- 4:2:0 and 4:2:2 at 8- or 10-bits
- Supports bit rates for streaming and contribution quality
- 4x independent 16-ch 48 kHz SDI embedded audio I/O engines
- ANC data support
- Reference/LTC Input on card (Analog black burst or Tri-level)
- Low power consumption
- Slot powered, or ATX6 versions available
- Includes support for the new Apple M1 chip

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Connectivity on KONA 5 Breakout Cable



KONA 5 \$2,995

Ultimate Performance

- 8K/UltraHD2/4K/UltraHD/2K/HD/SD up to 50/60p
- 4x bidirectional 12G-SDI connections with 16-channel embedded audio per connection for a total of 64-channel/32-channel support for 8K workflow
- HDMI 2.0 output, 4K/UltraHD HFR, plus 8K to 4K downsampling
- RGB 4:4:4 12-bit, YCbCr 4:2:2 10-bit and HFR support
- 8K support for Apple Final Cut Pro, Adobe Premiere Pro and Avid Media Composer, 8K or multi-channel 4K support for OEM applications with AJA SDK
- Dynamic FPGA Firmware Reconfiguration
- 4K Closed Caption Support
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG, HDR10, HDR10+ and Dolby Vision Support
- HDR Metadata Capture and Auto Playback Detection
- Includes support for the new Apple M1 chip
- Reference Input on card (Analog black burst or Tri-level)
- Included breakout cable for LTC, RS-422, 8-ch AES/EBU



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KONA 4 \$1,995

Powerful HFR Capabilities up to 4K 50/60p

- 4K/UltraHD/2K/HD/SD up to 50/60p
- 4x bidirectional 3G-SDI connections with 16-channel embedded audio
- HDMI v1.4b monitoring with 8-channel embedded audio, plus 4K to HD downsampling
- RGB 4:4:4 12-bit, YCbCr 4:2:2 10-bit and HFR support
- Real time up, down, cross-conversion (HD/SD)
- 4K Closed Caption Support
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG, HDR10, HDR10+ and Dolby Vision Support
- HDR Metadata Capture and Auto Playback Detection
- Compatible with leading creative apps
- Includes support for the new Apple M1 chip
- Included breakout cable for Ref (Analog or Tri-level), LTC, RS-422, 8-ch AES/EBU
- Extend external connectivity with K3G-BOX breakout box



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KONA IP \$2,495

Multi-Channel 10 GigE I/O for IP Video/Audio

- 4K/UltraHD Input or Output, and 2K/HD/SD I/O, 10-bit up to 50/60p
- SMPTE ST 2110 up to 4K/UltraHD, ST 2022-6 up to 2K/HD
- ST 2022-7 Tx support up to 2K/HD
- 2x 10 GigE SFP connections for multi-channel I/O
- RGB 4:4:4 12-bit, YCbCr 4:2:2 10-bit and HFR support
- Local baseband monitoring via HDMI 1.4b
- 48 kHz 16 and 24-bit embedded audio, 16-channel I/O, 8-channel HDMI
- PQ, HLG, HDR10, HDR10+ and Dolby Vision supported
- HDR Metadata Capture and Auto Playback Detection
- NMOS 1.3, PTP and LLDP Support, plus Reference/LTC Input
- Includes support for the new Apple M1 chip



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KONA HDMI \$895

HDMI Capture for Multi-Channel HD or Dual Channel UltraHD

- 4K/UltraHD/2K/HD/SD up to 50/60p
- 4x full-size HDMI inputs each with 8-channel embedded audio
- HDMI 2.0 (port 1 & 2) and HDMI 1.4b (ports 3 & 4)
- RGB 4:4:4 12-bit, YCbCr 4:2:2 10-bit and HFR support
- Simultaneous capture of 2x 4K/UltraHD or 4x 2K/HD
- Capture stunning HDR from cameras, game consoles, and more
- PQ, HLG, HDR10, HDR 10+ and Dolby Vision Support
- HDR Metadata Capture
- Video4Linux (V4L2 Color) and DirectShow support
- Compatible with leading creative apps
- Includes support for the new Apple M1 chip

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KONA LHi \$1,495

Multi-Format Analog and Digital I/O

- 2K/HD/SD up to 50/60p
- 2x 3G-SDI spigots (In, Out) with 8-channel embedded audio
- 2x HDMI v1.3 ports (In, Out) with 8-channel embedded audio
- YCbCr 4:2:2 10-bit and HD HFR workflows supported
- Real time up, down and cross-conversion for HD and SD with pristine 10-bit quality
- Compatible with leading creative apps
- Includes support for the new Apple M1 chip
- Included breakout cable for Ref (Analog or Tri-level), RS-422, 2-ch AES/EBU, Analog composite or S-video, or SD/HD component
- Extend external connectivity with KLHi-BOX breakout box

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*Optional Breakout Box:
Utilize the KLHi-BOX Breakout Box
to easily integrate KONA LHi
into rackmount environments.*



KONA LHe Plus \$995

Affordable, Flexible KONA Power

- HD-SDI and SD-SDI up to 1080 30p / 720 60p
- 3x 1.5G-SDI spigots (1x In, 2x Out) with 8-channel embedded audio
- YCbCr 4:2:2 10-bit workflows supported
- Real time HD to SD down-conversion with pristine 10-bit quality
- Compatible with leading creative apps
- Includes support for the new Apple M1 chip
- Included breakout cable for Ref (Analog Color Black or Composite Sync), RS-422, 2-ch AES/EBU, Analog composite or S-video, or SD/HD component, 2-ch analog audio I/O
- Extend external connectivity with KL-BOX-LH breakout box

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*Optional Breakout Box:
Utilize the KL-BOX-LH Breakout Box
to easily integrate KONA LHe Plus into
rackmount environments.*



KONA 1 \$595

Powerful and Cost Effective 3G-SDI I/O

- 2K/HD/SD up to 50/60p
- 2x 3G-SDI connections (In, Out) with 16-channel embedded audio
- RGB 4:4:4 12-bit, YCbCr 4:2:2 10-bit and HFR workflows supported
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG and Dolby Vision Support
- HDR Metadata Capture and Auto Playback Detection
- RS-422 support on 9-pin external connector
- Low profile form factor also available with internal RS-422 header
- Reference/LTC Input on card (Analog black burst or Tri-level)
- Compatible with leading creative apps
- Includes support for the new Apple M1 chip

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*Other models available:
KONA 1 Low Profile*

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io IP \$2,495

Video and Audio I/O over IP for Thunderbolt™ 3

- 4K/UltraHD Input or Output, and 2K/HD/SD I/O, 10-bit up to 50/60p
- SMPTE ST 2110 up to 4K/UltraHD, ST 2022-6 up to 2K/HD
- ST 2022-7 Tx support up to 2K/HD
- Two Thunderbolt 3 ports with loop through
- 2x 10 GigE SFP connections for multi-channel I/O
- Local baseband monitoring via 3G-SDI and/or HDMI 2.0
- 48 kHz 16 and 24-bit embedded audio, 16-channel SDI, 8-channel HDMI and Analog Audio
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG, HDR10, HDR10+ and Dolby Vision supported
- Includes support for the new Apple M1 chip
- Supports Analog Audio I/O for Telestream Wirecast
- XLR 12V power for battery or AC use
- Headphone jack and level control for mobile environments
- NMOS 1.3, PTP and LLDP Support, plus Reference/LTC Input



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io 4K Plus \$2,495

Thunderbolt 3 Performance from 4K to SD

- 4K/UltraHD/2K/HD/SD 10-bit I/O up to 50/60p
- 4x bidirectional 12G-SDI BNC with 16-channel embedded audio
- 4K/UltraHD HDMI 2.0 I/O with 8-channel embedded audio
- Two Thunderbolt 3 ports with loop through
- RGB 4:4:4 12-bit, YCbCr 4:2:2 10-bit and HFR workflows supported
- 4K Closed Caption Support
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG, HDR10, HDR10+ and Dolby Vision Support
- HDR Metadata Capture and Auto Playback Detection
- Analog Audio flexibility with a choice of 8-channel In or 8-channel Out or 4-channel In and 4-channel out
- Includes support for the new Apple M1 chip
- Supports 12G and 6G I/O for Telestream Wirecast
- Supports Analog Audio I/O for Telestream Wirecast
- XLR 12V power for battery or AC use
- Headphone jack and level control for mobile or live environments
- RS-422 VTR control, Reference, LTC Input



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T-TAP Pro \$795

Compact, silent, mobile 4K HDR with SDI and HDMI

- 4K/UltraHD/2K/HD/SD Output/Monitoring up to 50/60p
- 1x 12G-SDI BNC with 16-channel embedded audio
- 1x HDMI 2.0 with 8-channel embedded audio
- 1x Thunderbolt 3 connector
- Compact, silent, mobile form-factor with front-panel Audio Levels Reference Display
- RGB 4:4:4 12-bit, YCbCr 4:2:2 10-bit and HFR workflows supported
- 4K Closed Caption Support
- VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance via SDI
- PQ, HLG, HDR10, HDR10+ and Dolby Vision Support
- HDR Metadata Auto Playback Detection
- Includes support for the new Apple M1 chip
- Headphone jack and quick access audio level control for mobile environment

Three Year Warranty

AJA Video warrants that Developer products will be free from defects in materials and workmanship for a period of three years from the date of purchase.

About AJA Video Systems, Inc.

Since 1993, AJA Video has been a leading manufacturer of video interface and conversion solutions, bringing high quality, cost effective digital video products to the professional, broadcast and postproduction markets.

AJA products are designed and manufactured at our facilities in Grass Valley, California, and sold through an extensive sales channel of resellers and systems integrators around the world. For further information, please see our website at www.aja.com

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Grass Valley, California

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