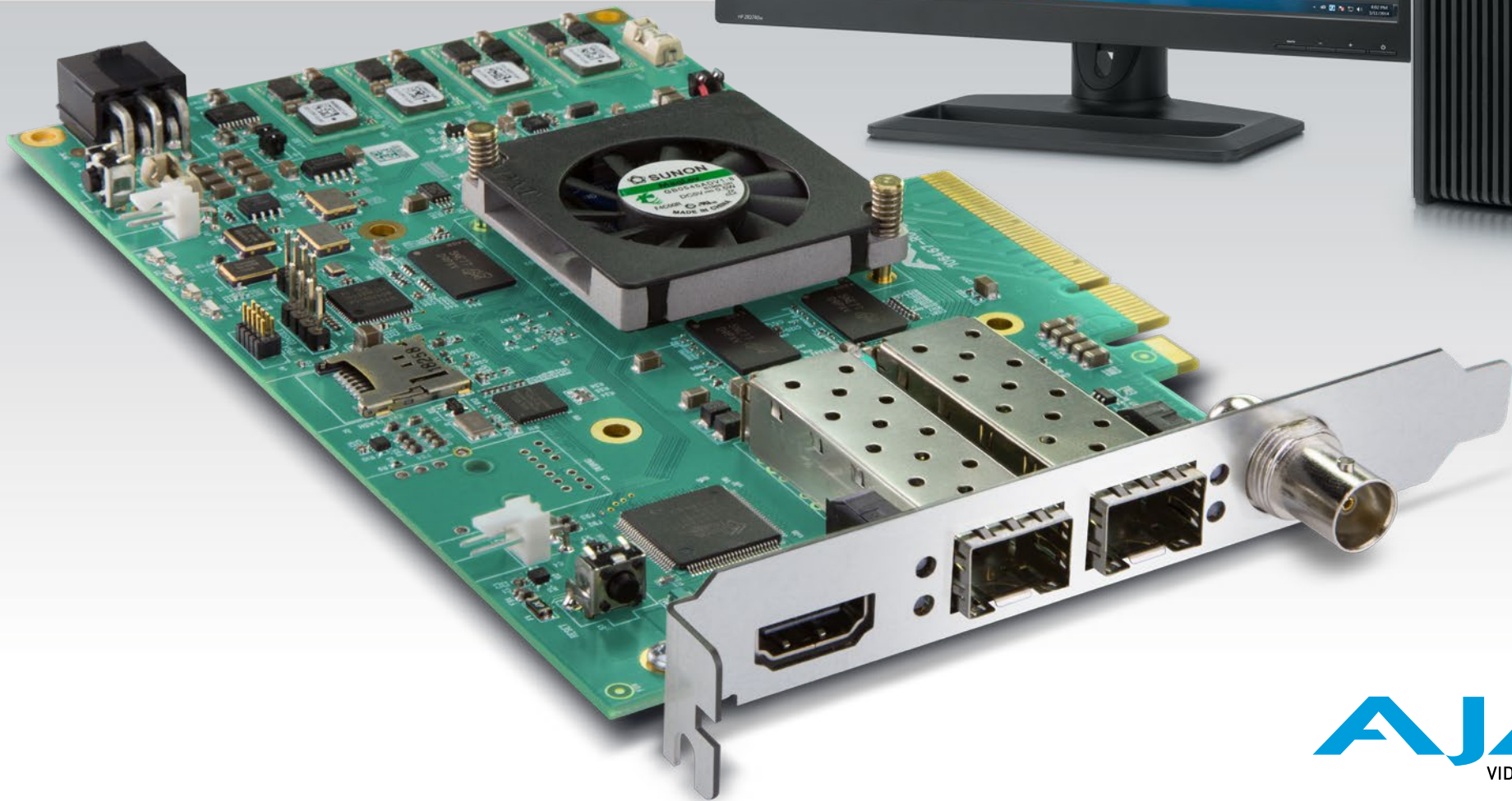
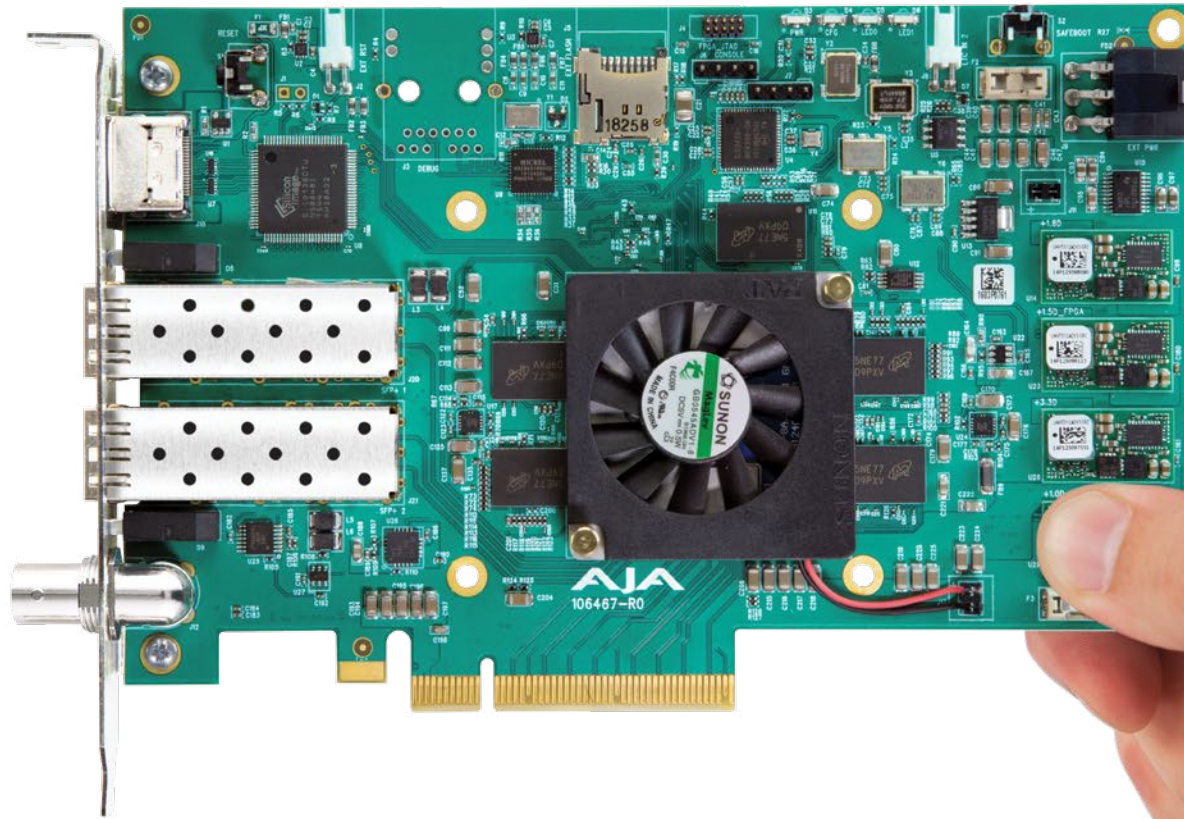


# KONA<sup>®</sup> IP

Transition  
Seamlessly to IP



# KONA<sup>®</sup> IP



Only **\$2,495** US MSRP\*

[Find a Reseller](#)



## Simple, Compatible I/O for IP Pipelines

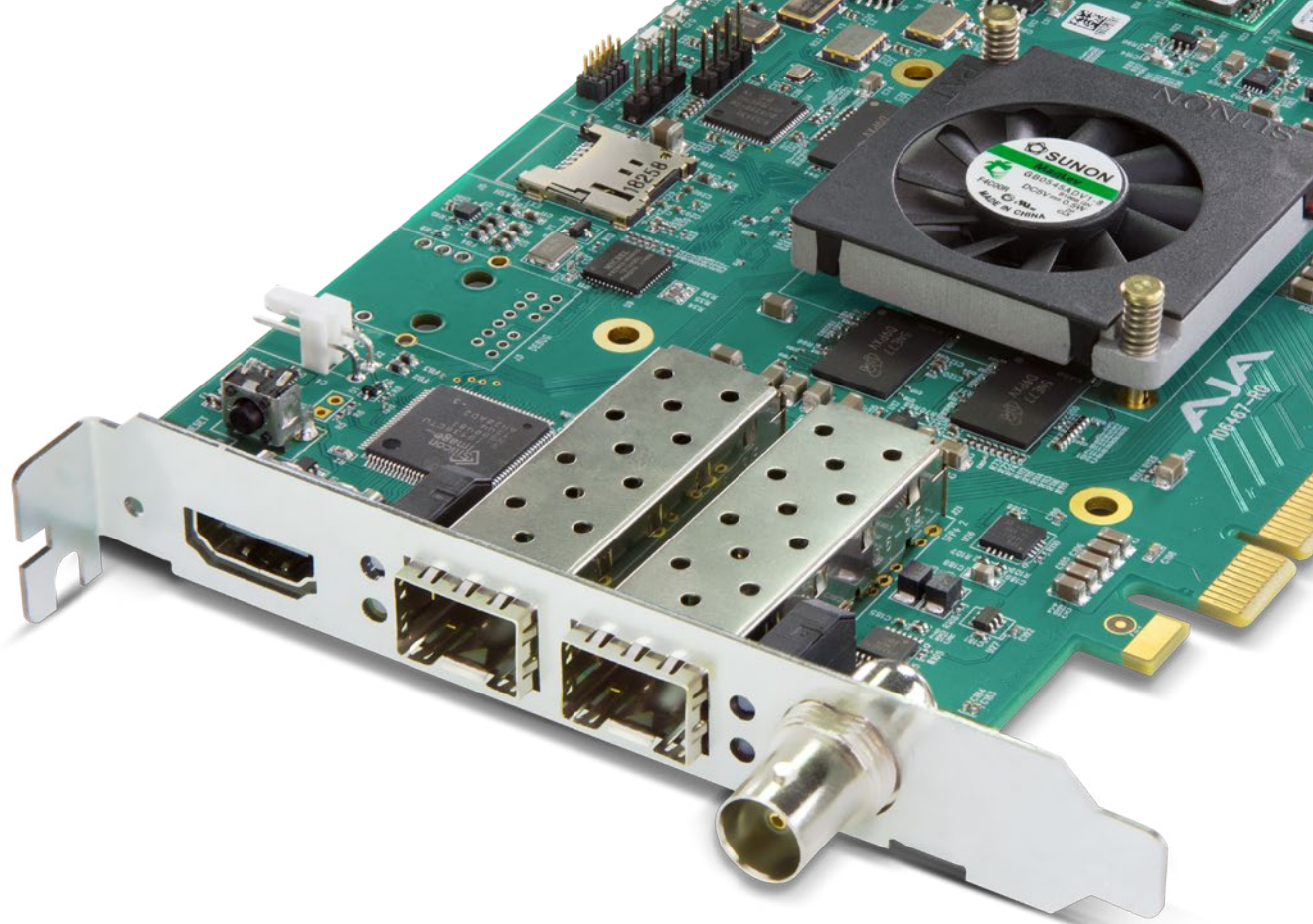
KONA IP offers users a single, powerful 8-lane PCIe 2.0 video and audio desktop I/O card with flexible IP connectivity. Two SFP cages provide multi-channel 3G-SDI HD support for easy routing of video over IP networks up to and including 10 GigE. KONA IP is designed as a flexible

platform that supports today's SMPTE 2022-6 IP encapsulated 3G-SDI, HD-SDI and SD-SDI video, audio and VANC data and via future firmware updates and codec package offerings, will also support compressed codecs like J2K and advanced IP protocols including VSF TR-04, VSF TR-03 and more.

# KONA IP

## KONA IP Features Include:

- Supports HD ingest and output at frame rates up to 50/60 fps
- 2 x 10 GigE SFP connections for Multi-Channel input and/or output
- HDMI 1.4 output for local monitoring with 8-Channel audio
- 16-Channel 48kHz 24-bit embedded audio
- Mac, Windows and Linux support via AJA's Developer SDK
- 8-lane PCIe 2.0 video and audio desktop I/O card
- Supports 4:4:4 and 4:2:2 workflows
- Reference/LTC Input
- Supported on Windows and Linux
- Software support within AJA Control Room and Control Panel



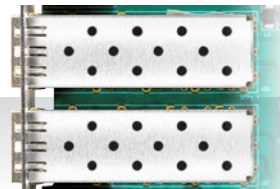
### Standards

KONA IP is a flexible platform supporting SMPTE 2022-6 IP standards and via future firmware updates and codec package offerings, will also support compressed codecs like J2K and advanced IP protocols including VSF TR-04, VSF TR-03 and more.



### Compatibility

Your transition to IP pipelines with KONA IP is supported by leading NLE, Compositing and Streaming applications and utilizes the same AJA software tools you know and love like AJA Control Room™, AJA Control Panel and AJA plug-ins for third party software.



### 10 GigE Connectivity

KONA IP provides two SFP cages compatible with 10 GigE SFP transceiver modules from leading third party\* providers for easy integration into IP pipelines.

\*At time of publication, AJA recommends [Finisar's FTLX1471D3BCL](#) and [Avago AFBR-709SMZ](#).

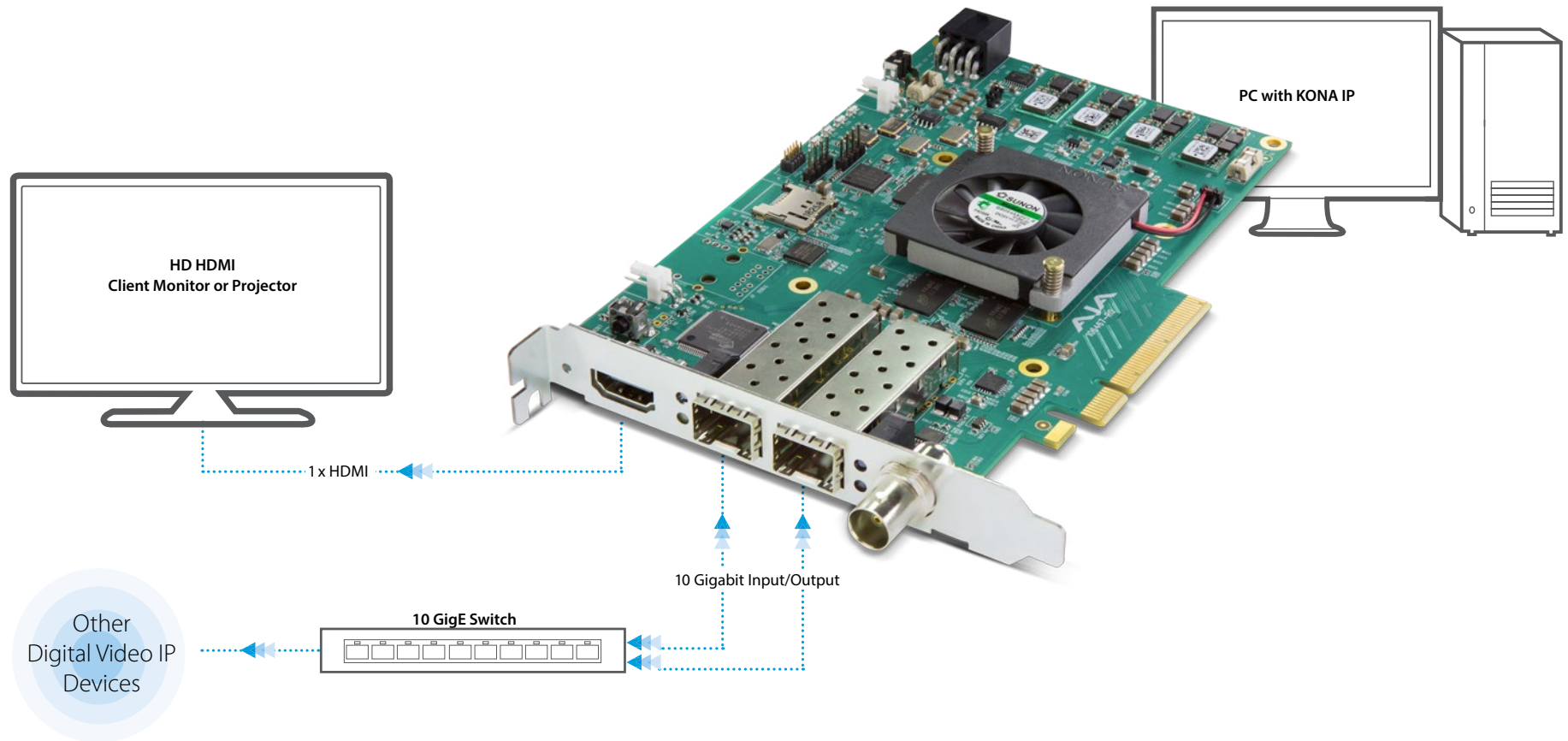


### HDMI Monitoring

An HDMI output on KONA IP ensures you can always monitor your projects locally, cheaply and efficiently if no IP monitoring is close by.

# KONA IP

## KONA IP Powered Workflow



Connect your HD digital video devices via 10 GigE to KONA IP for capture, editing and delivery.

[Click here](#)

For full product specifications visit [www.aja.com/en/products/kona-ip/#techspecs](http://www.aja.com/en/products/kona-ip/#techspecs)

# KONA IP

## Tech Specs

### Video Formats

- (HD) 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- (HD) 1080PsF 23.98, 24, 25, 29.97, 30
- (HD) 1080i 25, 29.97
- (HD) 720P 50, 59.94, 60
- (SD) 625i 25
- (SD) 525i 29.97

### Media Transport Interface for 2022-6

- 2 x SFP+ Cages - SFPs not included
- *Recommended SFP modules: Finisar's FTLX1471D3BCL and Avago AFBR-709SMZ*

### Video Output Digital

- HDMI v1.4
- 30/36 bits/pixel, RGB or YUV, 2.25 Gbps
- UltraHD with HFR support up to 60p 4:2:0 8-bit
- 2K/HD/SD

### Audio Input Digital

- 16-Channel SDI embedded audio, 24-bit per channel, 48 kHz synchronous

### Audio Output Digital

- 16-Channel SDI embedded audio, 24-bit per channel, 48 kHz sample rate, synchronous
- 8-Channel HDMI embedded audio, 48 kHz sample rate, synchronous

### Downstream Keyer

- Supports graphics with alpha channel over video, matte or framebuffer, or framebuffer content over incoming video or matte

### Reference and LTC I/O

- 1 x BNC assignable to reference video or LTC input

### Reference

- Analog color black (1V) or composite sync (2 or 4V)
- Nonterminating

### User Interface

- 8-lane PCIe 2.0

### Size (w x d x h)

- 0.75" x 8.25" x 5" (19.05mm x 209.55mm x 127mm)

### Weight

- 0.7 lb (0.4 kg)

### Power

- 25W typical, 27W maximum

### Environment

- Safe Operating Temperature Range: 0 to 40C (32F to 104F)
- Operating Altitude: <3,000 meters (<10,000 feet)

[Click here](#)

For full product specifications visit [www.aja.com/en/products/kona-ip/#techspecs](http://www.aja.com/en/products/kona-ip/#techspecs)



### 3 Year Warranty

AJA Video warrants that KONA IP 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](http://www.aja.com)**