Release Notes—KONA 3/3X/2, LH/LHe, & LS/LSe
Version 5.0 Universal Binary



General

If you are installing your KONA hardware into a computer that has previously had another video capture card or drivers, we recommend running the AJA KONA Conflict Checker utility BEFORE installing the KONA software. The AJA KONA Conflict Checker will help you identify old drivers or software files that need to be removed before installing the new software. Also, please read the "ReadMeFirst.PDF" document on the installation CD, particularly if you are installing for the first time.

Installation Notes—Please Read

Note: *Version 5.0 is only for Final Cut Studio Version 2. Earlier Final Cut Pro versions should not use this software. Please ensure you use the correct software for your system. AJA Driver Compatibility as of KONA Version 5.0 software is as follows:*

FCP 6.0.x - Kona Driver version 5.0 (Leopard and Tiger OS compatible version)
FCP 6.0.x - Kona Driver version 4.0 (Tiger OS compatible version)
FCP 5.1.x - Kona Driver versions 3.1 through 3.4 (Tiger OS compatible versions)
FCP 5.0.x - Kona Driver version 3 (first Universal Binary version)

Also, please note that Easy Setups from earlier versions may not work properly in Final Cut Studio 2 (FCP 6).

AJA provides separate installers for each board that only install the board-specific driver for a given KONA board. Please ensure that you use the correct installer for the KONA model present in your system. If you install the wrong software, the KONA Control Panel will report "no board" due to incorrect driver installation.

Also, if you should ever wish to regress to an earlier version of software, you will have to perform the following steps to ensure proper operation. *Do not try to simply run an older KONA installer over a newer version*—doing so will not properly remove the newer components and will lead to improper operation.

1. Run the KONA Uninstaller from the current installation.
2. Install the desired KONA software using its installer package.

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New Features

- OSX 10.5 “Leopard” compatibility (KONA LS, KONA LH, KONA 3, and KONA 2).
- Added 720p50 support (KONA LH, KONA 3, and KONA 2).

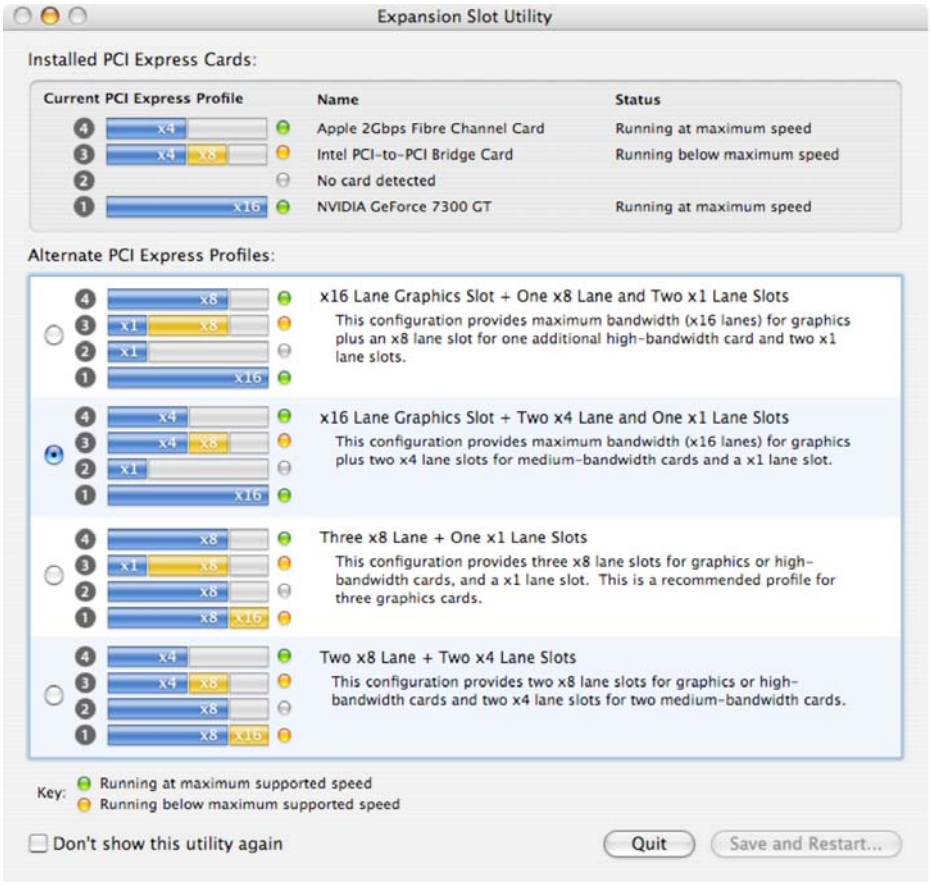
Improvements and Fixes

- RGB output support improved for 2K and Dual Link RGB 4:4:4 material. Improved performance when using Force RGB option in Apple Color (KONA 3).
- Improved performance on Intel Mac Pros with more than 2GB of memory, when using Final Cut Pro 6 for 3:2 pulldown.
- KONA driver loads faster during Mac startup (KONA LS, KONA LH, KONA 3, and KONA 2).

PCIe Slot Configuration and Firmware Notes for Mac Pro Computers

The default Apple factory configuration of PCIe slots in a Mac Pro has slot 4 set as an x4 lane, slot 3 as an x4 lane, slot 2 as an x1 lane and slot 1 as an x16 lane. AJA recommends placing the KONA card in slot 3 and using the Expansion Slot Utility to configure the slot to x4 lane. For a detailed explanation on how slots can be configured in a Mac Pro, users should visit the following Apple website and its associated links:
http://developer.apple.com/documentation/Hardware/Conceptual/HWtech_PCI/Articles/pci_implementation.html#//apple_ref/doc/uid/TP40003937-DontLinkElementID_3

If you are unsure of the slot configuration as used in your machine, it can be determined by using the *The Expansion Slot Utility*, found in the following directory location on your Mac Pro: */System/Library/CoreServices*. Occasionally, users may purchase a Mac Pro and find that the slots are not configured to the standard factory defaults; checking the configuration with the Expansion Slot Utility allows you to verify the setting is as desired (sample screen shown below). For optimum performance when using a Mac Pro tower, AJA strongly recommends users download and run the Mac Pro EFI Firmware Update 1.0 or the latest version of Mac Pro EFI Firmware. The Mac Pro EFI Firmware Update 1.0, along with appropriate instructions, can be found at this URL:
http://www.apple.com/support/downloads/macproefifirmwareupdate10.html



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