

ATTO Utilities

ATTO ExpressPCI Configuration Tool

You must install the ATTO Configuration Tool if you are using a Digidesign SCSI64, SCSI128, ATTO EPCI-DC or ATTO EPCI-UL3D SCSI Host Bus Adapter card with a Mac OS X system.

The cards listed above control the flow of SCSI data to and from your computer, and they must have the proper firmware and be set correctly for maximum performance. If you are using one of these cards, you should run the ATTO Config Tool installer located in the ATTO Utilities folder of the Pro Tools installer CD. This will install the ExpressPCI Configuration Tool in the Applications folder of your system drive, as well as a series of extensions in your System/Library/Extensions folder. The Configuration Tool will allow you to update your firmware and set up your SCSI host bus adapter correctly. The extensions are required to make sure that Mac OS X does not override the correct settings.

To install the ATTO ExpressPCI Configuration Tool:

- 1 Double-click the ATTO Config Tool installer located in the ATTO Utilities folder of the Pro Tools Installer CD-ROM.
- 2 Follow the on-screen instructions to install the Configuration Tool Applications and Drivers.
- 3 Restart your computer.

To check your firmware version:

- 1 Locate and double-click the ExpressPCI Configuration Tool application.
- 2 Click the triangle next to "hosts."
- 3 Click the triangle next to "localhost."
- 4 Click the host bus adapter to select it.
- 5 Click the Flash tab to display the version of the currently installed firmware.

At the time of this writing, Pro Tools requires ATTO ExpressPCI Firmware v1.66 or higher.

Go to <http://www.digidesign.com/compto/hdscsiacclmac.html> to check the latest firmware requirements.

To update your firmware:

- 1 Insert the Pro Tools installer CD-ROM and click the Browse button in the Configuration Tool window.
- 2 Navigate to the ATTO Utilities folder, then in the ATTO Firmware Images folder, select the "FlashBundle" file appropriate for your particular ATTO card.

To set your SCSI card correctly:

- 1 Locate and double-click the ExpressPCI Configuration Tool application.
- 2 Click the triangle next to "hosts."
- 3 Click the triangle next to "localhost."
- 4 Click the triangle next to the host bus adapter.
- 5 Click the first HBA channel to select it.

6 Under the “Common NVRAM Configuration” pane, select the PCI Burst Rate for your setup:

- Digidesign SCSI 64 Kit: “32”
- ATTO EPCI-DC: “32”
- ATTO EPCI-UL3D: “128”
- Digidesign SCSI 128 Kit: “128”

7 Scroll down to the “SCSI Target NVRAM Configuration” pane, and use the Specified Target pop-up menu to select the correct SCSI ID.

8 Set the “Sync Rate” for your setup:

- Pro Tools HD Systems: “160DT”
- Pro Tools 24 and Pro Tools 24 MIX Systems: “20ST”

9 Repeat as necessary for any other SCSI IDs.

10 Click the Commit button.

11 Repeat steps 5 through 9 for the other HBA channel.

12 Quit the Configuration Tool and restart the computer for settings to take effect.



In the “Common NVRAM Configuration” pane, “Selection Timeout” can be lowered to speed up boot times, or raised to allow slow devices enough time to be ready at boot time.