

# Avid Configuration Guidelines

## “Nehalem” MAC Pro Configuration

### System Configuration:

- Apple Leopard 10.5.6
- 2.66GHz or 2.93GHz Quad-Core Intel Xeon processors (8-core)
- 6GB of 1066MHz DDR3 ECC SDRAM
- NVIDIA GeForce GT 120 512MB
- 640GB 7200-rpm Serial ATA 3Gb/s

### Nehalem Slot Layout Reference

Slot #	Electrical	Mechanical
1	x16 PCI-E Gen 2 (75Watts)	x16
2	x16 PCI-E Gen 2 (75Watts)	x16
3	X4 PCI-E Gen 2	x16
4	X4 PCI-E Gen 2	x16

### Firewire and DNA Support

The Nehalem comes with Firewire 800 ports only. In order to connect an Avid DNA device (Mojo, Mojo SDI, or Adrenaline) a Firewire 800 to Firewire 400 adapter must be used, as the DNA only has a Firewire 400 port.

#### Example of a possible adapter:

Belkin 6'/1.8m 9-Pin to 6-Pin FireWire 800/400 Cable

### Supported Slot Configuration:

Three open full-length expansion slots with mechanical support for 16-lane cards

#### **4.) PCI Express Gen2 4-lane**

- a) Option- DX Interface Board (HIB)

#### **3.) PCI Express Gen2 4-lane**

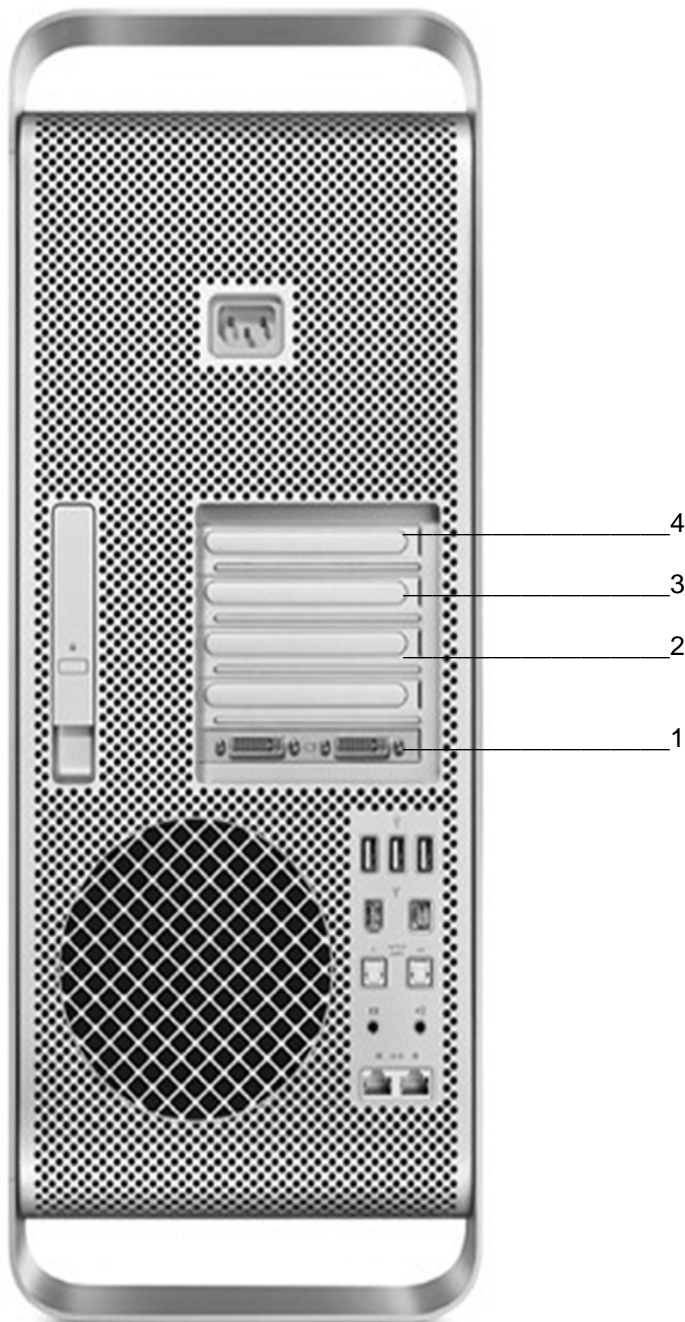
- a) Option- ATTO UL5D PCI-Express u320 dual-channel SCSI controller Local storage
- b) Option- ATTO ExpressSAS R380 PCI-Express Raid controller
- c) Option- ATTO ExpressSAS H380 Host Adapter
- d) Option- ATTO ExpressSAS H680 Host Adapter

#### **2.) PCI Express 2.0 16-lane**

- a) AVID Unity-MediaNet connectivity: Use Atto FC41-ES 4Gb single channel PCI-Express F/C adapter
- b) Avid ISSI connectivity 10Gb Chelsio card

**1.) (Double-wide) PCI Express 2.0 16-lane  
NVIDIA GeForce GT 120 512MB**

**Slot Configuration:**



Revision	Date	Name	Update
A	April 14 2009	Mike Fortin	Initial Release
B	May 26 2009	Kate Ketcham	Firewire and DNA Support