



Avid Configuration Guidelines Nehalem MAC Pro Configuration

System Configuration:

Avid Media Composer DX, Media Composer Soft, Avid Symphony DX, Symphony Soft.

- Apple Lion 10.7.x 64-bit only
- 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

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)
- b) Option - Vendor qualified 3rd Party Hardware

3.) PCI Express Gen2 4-lane

Option - ATTO UL5D PCI-Express u320 dual-channel SCSI controller Local storage (legacy storage)

Option - ATTO ExpressSAS R380 PCI-Express Raid controller (Avid ST and AIC STi storage)

Option - ATTO ExpressSAS H380 Host Adapter (Avid SR storage)

Option - ATTO ExpressSAS H680 Host Adapter (Avid SR storage)

Option - Astek SAS 9200-8e PCI-Express Host Adapter (AIC 5Te,16Re storage)

Option – Atto ExpressSAS R680 Host Adapter (Avid JMR storage)

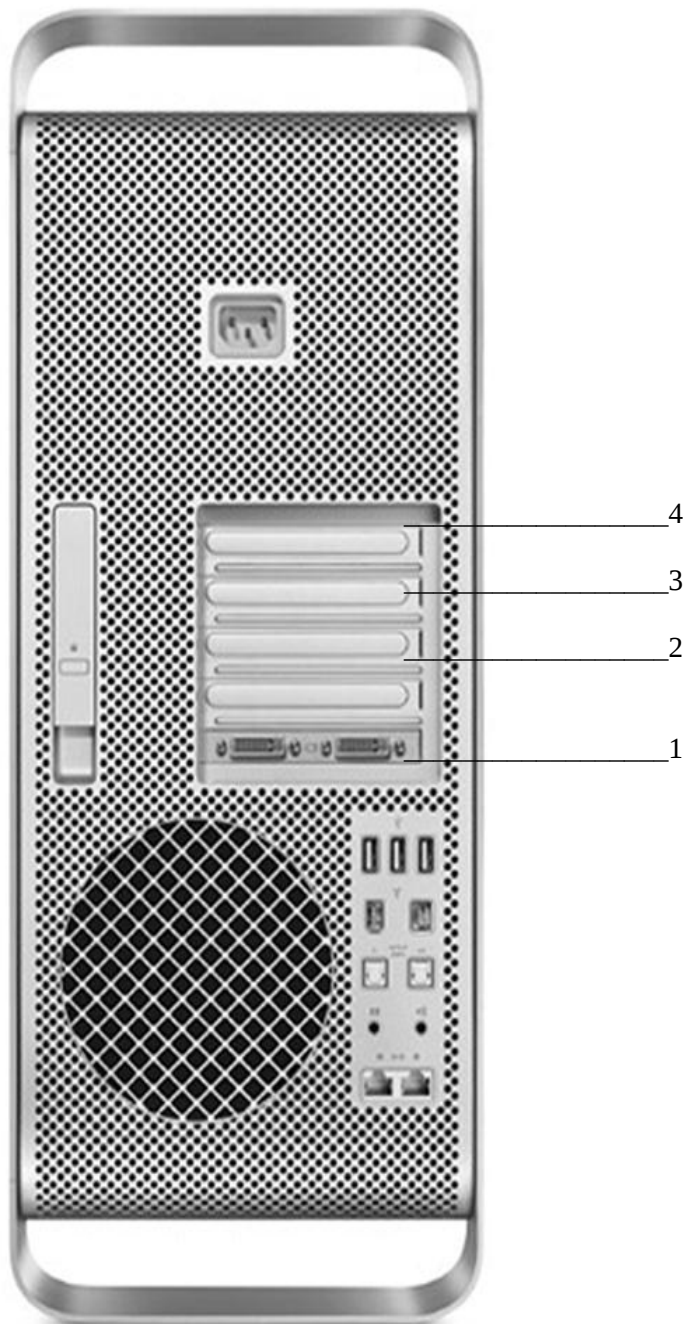
2.) PCI Express 2.0 16-lane

- a) Option - AVID Unity-MediaNet connectivity: Use Atto FC41-ES 4Gb single channel PCI-Express F/C adapter
- b) Option - Myricom 10G-PCIE-8B-S network controller

1.) (Double-wide) PCI Express 2.0 16-lane

NVIDIA GeForce GT 120 512MB

lot Configuration:



Revision Update

Revision	Date	Name	Update
A	April 14, 2009	Mike Fortin	Initial Release
B	April 2, 2010	Mike Fortin	Added deck 1394 support
C	Sept 23 2010	Mike Fortin	Added Myricom 10GB ethernet, MXO2 controllers and
D	April 21, 2011	Mike Fortin	Added AJA IO Express
E	Oct 25, 2011	Mike Fortin	Added 3 rd part support and R680 support (JMR)
F	Oct 25, 2011	Mike Fortin	Updated for Release 6.0