



Avid Configuration Guidelines Westmere Dual 6 core 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
- Two 2.66GHz 6-Core Intel Xeon “Westmere”
- 6GB (6X1GB) DDR3 ECC SDRAM
- ATI Radeon HD 5770 1GB
- 1TB 7200-rpm Serial ATA 3Gb/s hard drive

Westmere 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

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

- b) Option - ATTO ExpressSAS R380 PCI-Express Raid controller (Avid ST and AIC STi storage)
- c) Option - ATTO ExpressSAS H380 Host Adapter (Avid SR storage)
- d) Option - ATTO ExpressSAS H680 Host Adapter (Avid SR storage)
- e) Option - Astek SAS 9200-8e PCI-Express Host Adapter (AIC 5Te,16Re storage)
- f) Option – Atto ExpressSAS R680 Host Adapter (Avid JMR storage)

2.) PCI Express 2.0 16-lane

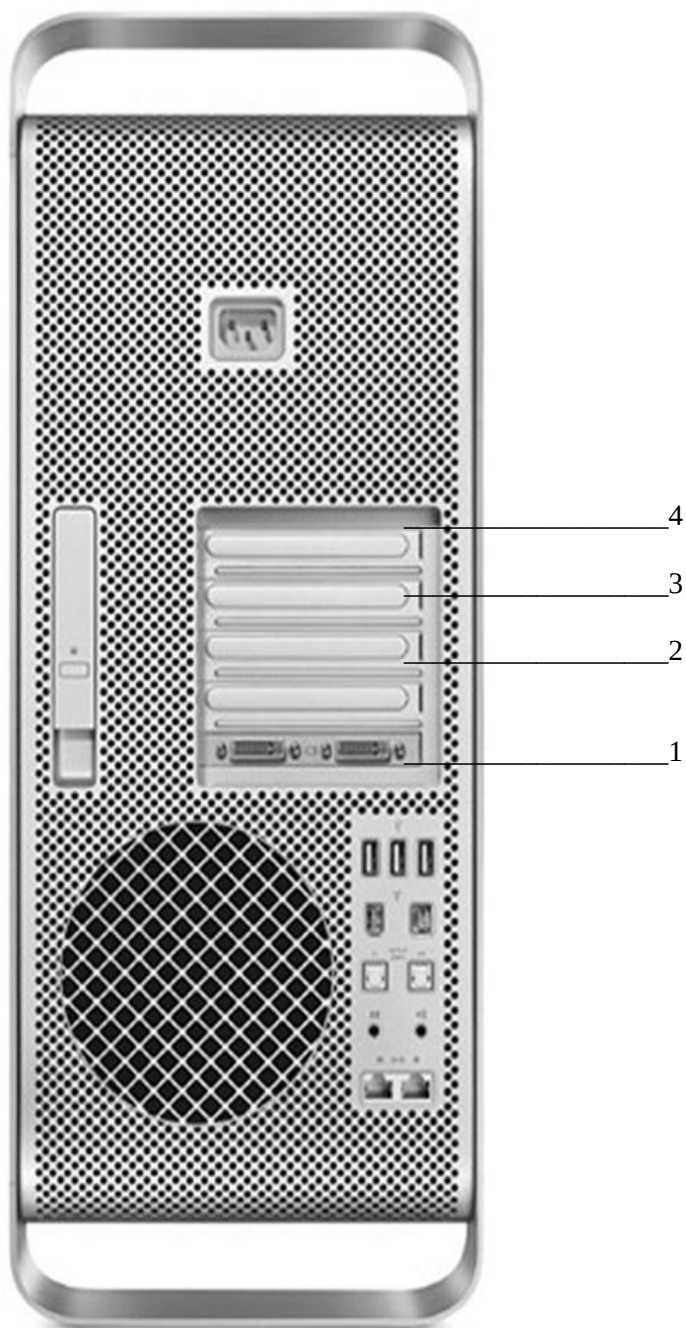
- a) AVID Unity-MediaNet connectivity: Use Atto FC41-ES 4Gb single channel PCI-Express F/C adapter
- b) Myricom 10G-PCIE-8B-S network controller

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

ATI Radeon HD 5770 1GB

Slot Configuration:





Revision Update

Revision	Date	Name	Update
A	Sept. 23, 2010	Mike Fortin	Initial Release
B	April 21, 2011	Mike Fortin	Added AJA IO Express support
C	Oct 25, 2011	Mike Fortin	Added 3 rd party support and R680 (JMR)
D	Oct 25, 2011	Mike Fortin	Updated for Release 6.0