Avid Configuration Guidelines
Dell T3500 Dual Quad-Core Workstation

The Dell T3500 workstation has completed qualification and is approved for Avid Media Composer Soft 6.0, Symphony Soft 6.0, NewsCutter 10.0, Mojo DX and Nitris DX.

Qualification included: ISIS, and MN Ethernet. You cannot connect two of these devices simultaneously.

Not Qualified: MN Fiber, MOJO, MOJO SDI, and Adrenaline

- Windows 7 Professional SP1
- Dual Core Intel® Xeon® W3540 2.93GHz, 8M L3, 4.8GT/s Turbo
- 6GB, DDR3 SDRAM 1066MHz and 1333MHz ECC (3 DIMMS)
- 320GB SATA 3.0Gb/s with NCQ and 16MB DataBurst Cache
- NVIDIA® Quadro® FX 3800, 1.0GB DUAL MON, 2 DP & 1 DVI PCIe x16

T3500 Slot Layout Reference

Slot #	Electrical	Mechanical
1	x4 PCI-E	x8
2	x16 PCI-E Gen 2 (75Watts)	x16
3	x4 PCI-E	x8
4	x16 PCI-E Gen 2 (75Watts)	x16
5	PCI 32bit 33MHz	PCI 32/33
6	PCI 32bit 33MHz	PCI 32/33

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Recommended Slot Configuration

Slot 1) PCI-Express x4, x8 connector
Option1: Avid DX Interface Board (a.k.a HIB – Hagrid Interface Board)

Option2: Vendor Qualified 3rd Party Hardware

Slot 2) PCI-Express2.0 x16 Gen2 graphics slot
NVIDIA Quadro FX 3800

Slot3) PCI-Express x4, x8 connector

Option 1: Intel Pro 1000PT Copper network adapter required for shared storage (Unity ISIS/MN Ethernet connectivity)

Slot 4) PCI-Express2.0 x16 Gen2 graphics slot For Local Storage connectivity

Option 1: Atto R380 SAS RAID controller. For connectivity to AVID VideoRAID ST (5-bay JBOD) chassis

Option 2: LSI SAS 9200-8e PCI-Express Host Adapter (AIC 5Te,16Re storage)

Option 3: ATTO ExpressSAS H680 Host Adapter (Avid SR storage)

Option 4: Atto ExpressSAS R680 Host Adapter (Avid JMR storage)

Option 2: Atto UL5D PCI-E u320 Dual-Channel SCSI controller (u320 SCSI connectivity to original AVID Video RAID 5-bay, 10-bay, MediaDock, R&S, Altevo etc)

Slot 5) PCI 32bit/33MHz slot with support for 3.3v or universal cards

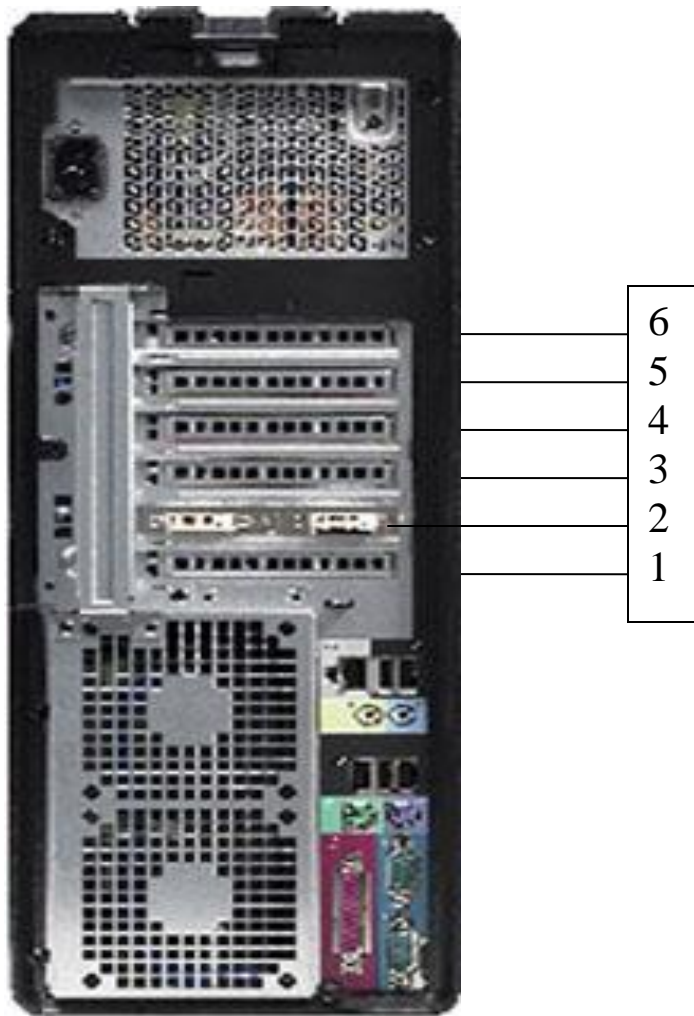### Slot 6) PCI 32bit/33MHz slot with support for 3.3v or universal cards
Option1: Dell add-in 1394 card -DV Cameras and Decks

Configuration Notes:

Onboard Nic is not supported for Avid shared storage.
Fiber is not supported
Windows XP 32, 64bit, Vista 32, 64bit and windows 7 32 bit are not supported

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Revision Update

Revision	Date	Name	Update
A	July 27, 2009	Mike Fortin	Initial Release
B	Jan 27, 2010	Mike Fortin	Changed supported to MN ether net only
C	Jan 27 2010	Mike Fortin	Removed Adrenaline support
D	Nov. 29 2010	Mike Fortin	Remove support for onboard Nic
E	Nov.29 2010	Mike Fortin	Changed MN to MN Ethernet
F	Nov 1, 2011	Mike Fortin	Changed to support release 6.0
G	Nov 2, 2011	Mike Fortin	Changed to replace Astek with LSI 9200-8e controller