

# Avid Configuration Guidelines

## Media Composer

### Dell Precision 490 Dual Quad-Core Workstation

The Dell Precision 490 workstation has completed standalone client testing for the following applications:

- Avid Xpress Pro (software only, Mojo, and Mojo-SDI)
- Avid NewsCutter XP (software only, Mojo, and Mojo-SDI)
- Avid Media Composer (software only, Mojo-SDI, and Adrenaline)
- Avid NewsCutter Adrenaline

The system requires MC v2.5, NC v6.5 or XPro 5.5 or MC v2.2.10, NC 6.2.10, Xpro 5.2.10 releases.

The following shared storage configurations have completed testing with no open issues. All shared storage testing was performed with v2.5

- MediaNet fiber with MC Adrenaline
- MediaNet Ethernet with onboard Ethernet
- MediaNet Ethernet with Alacritech
- ISIS client with add-in Intel Pro 1000 MT (PCI-X)

The system was tested as follows:

- Microsoft ® Windows ® XP 32-bit Edition (SP2)
- Dual Dual-Core Intel ® Xeon ® Processors 5150 2.66 GHz, 1333 FSB, 4 MB L2 cache
  - 2.66 GHz processors are a minimum requirement, 5160 3.00 GHz processors were also tested
- 2 GB DDR2 SDRAM (2 GB minimum, 3 GB recommended for HD and complex workflows)
- 80 GB (7200 RPM) SATA Drive
- NVidia Quadro FX 3500 256MB PCIe

The slot configuration was as follows:

- Slot 1 PCI-Express x8 (4)
  - Empty Slot
- Slot 2 PCI-Express x16
  - Nvidia FX 3500 graphics card (PCI-Express x16)
- Slot 3 PCI-Express x8 (4)
  - ATTO 42ES FC to local fibre storage or
  - ATTO 41ES FC to MediaNet
- Slot 4 PCI 32/33
  - 1394 to front panel
- Slot 5 PCI-X 100 Optional :
  - Intel Pro 1000 MT connection to ISIS, or second 1394 card
- Slot 6 PCI-X 100 Optional :
  - ATTO UL4D u320 dual channel SCSI or
  - Alacritech to MediaNet connection

Below is a link to the Dell web site for additional information on the Dell Precision 490 Workstation:

<http://configure.us.dell.com/dellstore/config.aspx?c=us&cs=555&l=en&oc=MLB1730&s=biz>