

## Qualified PC Workstations and Notebooks

### Qualified PC Workstations

Avid Xpress Pro <sup>1</sup>	Avid Xpress Pro <sup>2</sup>	Avid Xpress Pro <sup>3</sup>
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Compaq W8000 dual Xeon  
NVIDIA Quadro4 980 XGL graphics card

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✓ ✓ ✓

Dell Precision Workstation 670 dual 3.0 GHz (or  
faster)  
NVIDIA Quadro FX 1300 or 1400 graphics card  
Includes integrated 1394 port

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✓ ✓ ✓

Dell Precision Workstation 650 dual Xeon  
NVIDIA Quadro FX 500 graphics card  
Includes integrated 1394 port

✓ ✓ ✓

Dell Precision Workstation 380 Pentium 4 with  
NVIDIA Quadro FX 1400 graphics card  
Requires Avid Xpress Pro 5.1.6



HP Workstation xw8200, single or dual Xeon  
3.4GHz or faster  
NVIDIA Quadro FX1300 or NVIDIA Quadro FX  
1400 graphics card  
Includes integrated 1394 port



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HP Workstation xw8000 dual Xeon  
NVIDIA Quadro4 980XGL or Quadro FX 1100  
graphics card . Includes integrated 1394 port



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HP xw4300 Workstation, 3.2 GHz Pentium 4 with  
NVIDIA Quadro FX1300 or FX1400 graphics card  
Requires NewsCutter XP 6.1.6 or later



HP xw4200 Workstation, 3.6 GHz Pentium 4 with  
NVIDIA Quadro FX1300 or FX1400 graphics card  
Requires NewsCutter XP 6.1.6 or later



HP Workstation xw4100 Pentium 4 with  
NVIDIA Quadro4 980 XGL graphics card.  
Includes integrated 1394 port



IBM Intellistation ZPro 6225, 3.2GHz (or faster)  
Pentium 4 Workstation  
NVIDIA Quadro FX 1300 or FX 1400 graphics card



IBM Intellistation ZPro 6223 single or dual Xeon,  
3.2GHz (or faster)  
NVIDIA Quadro FX 1300 or 1400 graphics card  
Includes integrated 1394 port



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- 1 - With Avid Mojo and external storage and/or LANshare EX Connectivity
  - 2 - With Avid Mojo and internal ATA (IDE) or serial ATA storage only
  - 3 - Software Only

### Qualified PC Notebooks

(see Important Notes 2 and 4)

Avid Xpress Pro <sup>1</sup>	Avid Xpress Pro <sup>2</sup>	Avid Xpress Pro <sup>3</sup>
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Alienware MJ-12m 7700 Intel® Pentium® 4  
Processor 3.6 GHz 2 GB PC2-4200 DDR2 SDRAM  
at 5333MHz NVIDIA Quadro FX Go 1400 with  
256MB DDR3 Two 60 GB Hard drives (7200 rpm)  
Supports Avid Unity LANshare EX if Avid Mojo is  
NOT connected.



Dell Inspiron 5160 3.2GHz Pentium 4 with hyper-  
threading.  
Includes integrated graphics and 1394 port



Dell Precision M70 Mobile Workstation  
Requires add-on IEEE-1394 card  
2 GB of 533MHz, DDR2 SDRAM;  
NVIDIA Quadro FX Go1400 256MB graphics  
controller



A 60 GB 7200 RPM internal drive should be used  
with this model.

Note: DVC PRO HD format not supported. Supports  
Avid Unity LANshare EX. Avid Mojo is not  
supported with this laptop; connecting it will result in  
corruption of the firmware and render the Avid Mojo

unusable

Dell Precision M60 Mobile Workstation,  
Includes integrated graphics and 1394 port.  
A 60 GB 7200 RPM internal drive should be used  
with this model.  
Supports Avid Unity LANshare EX if Avid Mojo is  
NOT connected



HP Compaq nx9600 Notebook PC  
*Minimum 3.2GHz P4 for DVCPRO HD*  
2 GB of 400 MHz, DDR SDRAM  
ATI Mobility Radeon X600 (PCI Express) with  
128MB of video memory  
A 60 GB 7200 RPM internal drive is recommended  
with this model.. A system with a 5400 RPM drive is  
supported but will result in fewer video streams.  
Supports Avid Unity LANshare EX if Avid Mojo is  
NOT connected  
Available exclusively through your **local Avid**  
**Reseller**.  
Note: This model supports DVCPRO HD (DV100)  
and all Avid formats.



HP Compaq nw8240 Mobile Workstation  
2 GB of 533MHz, DDR2 SDRAM;  
ATI Mobility Fire GL V5000 graphics controller  
A 60 GB 7200 RPM internal drive should be used  
with this model.  
Note: DVCPRO HD format not supported.  
Supports Avid Unity LANshare EX if Avid Mojo is  
NOT connected



HP Compaq Mobile Workstation nw8000  
Includes integrated graphics and 1394 port.  
Add-in PCMCIA cards are not supported.  
Supports Avid Unity LANshare EX if Avid Mojo is  
NOT connected



HP N800W Mobile Workstation



Requires a qualified 1394 card

Panasonic Toughbook-CF-51

1 GB SDRAM Memory

ATI Mobility Radeon 9600 64MB 60 GB Hard drive

(7200 rpm) Note: DVCPRO HD format and Avid

Mojo are not supported.



1 Beyond L3215MIL

Microsoft® Windows® XP Professional SP2

3.2 GHz Intel Pentium 4 with HT Technology

60 GB Hard drive (7200 rpm)

ATI Mobility Radeon 9700

Note: Does not support Mojo connectivity.



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1 - With Avid Mojo and external storage and/or LANshare EX Connectivity

2 - With Avid Mojo and internal ATA (IDE) or serial ATA storage only

3 - Software Only

## Important Notes

### Note 1: PCI Bus Segment Requirements for Avid Mojo

Avid Xpress Pro with Avid Mojo requires platforms with more than one PCI bus segment whenever external storage is used. External storage includes Fibre, SCSI, Firewire and LANshare. The configurations qualified by Avid will accommodate users' requirements for local storage and/or Avid Unity LANshare EX shared storage. Avid Mojo connects to the host via an IEEE-1394 cable. For proper real-time performance, Avid Mojo must connect to a PCI bus segment that is not shared with any SCSI or Fibre Channel storage controller being used for local or shared storage and, for Windows PCs, with any Gbit Ethernet controller to be used with LANshare EX storage solutions.

Avid Xpress Pro with Avid Mojo must be used on Avid-qualified platforms. It is important to note that most notebook computers do not have multiple bus segments so you cannot attach external storage to a notebook with the Avid Mojo attached. For more details on PCI Bus Segment requirements see

## PCI Bus Segmentation Requirements for Avid Adrenaline and Avid Mojo.

**Note 2:** Notebook systems may not deliver the performance required to support some resolutions.

**Note 3:** FireWire drives cannot be connected to the same 1394 controller as Avid Mojo. Avid Mojo must be connected to the 1394a port. The 1394b port is not qualified for Avid Mojo.

**Note 4:** Notebook PCs used with Avid Mojo must contain an integrated 1394 port. Avid Mojo must be connected to the integrated 1394 port and not to a port provided by an add-in PCMCIA card. Avid Mojo is not supported in notebook PCs using any PCMCIA card.

Note 5: Of the notebooks listed that support Xpress Pro, only the Dell Inspiron 5160 currently supports DVCPRO HD.

## Macintosh

For all systems listed below, the following minimum specifications are required:

- Mac OS X 10.4.2 or 10.4.3. Earlier Mac operating systems are no longer being tested or qualified.
- 1 GB minimum system memory for Avid Xpress Pro or Avid Xpress Pro used with Avid Mojo
- A graphics adapter supported by Apple
- Apple native FireWire, included with all qualified systems
- 40 GB or larger internal IDE boot drive
- CD or DVD-ROM drive
- QuickTime 7.0.3. QuickTime 6.x is not supported with Tiger.

The system requirements for Avid Xpress Pro will vary, based on whether the software is used with Avid Mojo, and whether external storage or Avid Unity LANshare EX connectivity is required. The table below lists the qualified systems for each scenario. Also see “Important Notes” for more information.

## Qualified Macintosh Workstations

	Avid Xpress Pro <sup>1</sup>	Avid Xpress Pro <sup>2</sup>	Avid Xpress Pro <sup>3</sup>
Apple Power Mac Quad-core 2.5GHz PowerPC 3.0 GB 533 DDR2 Non ECC SDRAM (See "Important Note 4," below.)	✓	✓	✓
Apple Power Mac Dual-core 2.3GHz PowerPC 3.0 GB 533 DDR2 Non ECC SDRAM4 (See "Important Note 4," below.)	✓	✓	✓
Apple Power Mac dual 2.7 GHz G5 <hr/> <hr/>	✓	✓	✓
Apple Power Mac dual 2.5 GHz G5 <hr/> <hr/>	✓	✓	✓
Apple Power Mac dual 2.3 GHz G5 <hr/> <hr/>	✓	✓	✓
Apple Power Mac dual 2.0 GHz G5 <hr/> <hr/>	✓	✓	✓
Apple Power Mac 1.8 GHz G5 (single and dual) <hr/> <hr/>	✓	✓	✓
Apple Power Mac 1.6 GHz G5 <hr/> <hr/>	✓	✓	✓
Apple Power Mac dual 1.42 GHz G4	✓	✓	✓

## Guidelines

Apple Power Mac dual 1.25 GHz G4 with 2MB L3 cache



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1 - With Avid Mojo and external storage and/or LANshare EX Connectivity

2 - With Avid Mojo and internal ATA (IDE) or serial ATA storage only

3 - Software Only

### **Qualified Macintosh Notebooks**

(see Important Note 2)

<b>Avid Xpress Pro<sup>1</sup></b>	<b>Avid Xpress Pro<sup>2</sup></b>	<b>Avid Xpress Pro<sup>3</sup></b>
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Apple PowerBook 1.67 GHz G4 17" notebook



Apple PowerBook 1.67 GHz G4 15 " notebook



Apple PowerBook 1.33 GHz G4 17" notebook



Apple PowerBook 1 GHz G4 15" and 17" notebooks



Apple PowerBook 867 MHz G4 15" notebook



1 - With Avid Mojo and external storage and/or LANshare EX Connectivity

2 - With Avid Mojo and internal ATA (IDE) or serial ATA storage only

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### **Important Notes**

#### **Note 1:** PCI Bus Segment Requirements for Avid Mojo

Avid Xpress Pro with Avid Mojo requires platforms with more than one PCI bus segment whenever external storage is used. External storage includes Fibre, SCSI, FireWire and LANshare. The configurations qualified by Avid will accommodate users' requirements for local storage and/or Avid Unity LANshare EX shared storage. Avid Mojo connects to the host via an IEEE-1394 cable. For proper real-time performance, Avid Mojo must connect to a PCI bus segment that is not shared with any SCSI or Fibre Channel storage controller being used for local or shared storage.



Avid Xpress Pro with Avid Mojo must be used on Avid-qualified platforms. For more details on PCI Bus Segment requirements see the [\*\*PCI Bus Segmentation Requirements for Avid Adrenaline and Avid Mojo\*\*](#).

**Note 2:** Notebook systems may not deliver the performance required to support some resolutions.

**Note 3:** FireWire drives cannot be connected to the same 1394 controller as Avid Mojo. Avid Mojo must be connected to the 1394a port. The 1394b port is not qualified for Avid Mojo.

**Note 4:** The new G5 PowerMac systems have PCI-e slots only (no legacy PCI-x slots). Therefore the following cards are required for connecting SCSI or Fibre external storage.

- Atto ExpressPCle UL5D SCSI (EPCI-UL5D-0R0)
- Atto Celerity FC-42ES (CTFC-42ES-000)

These systems have only been tested with **local** storage at this time.

### **Macintosh support for HD planned for future release**

Avid does have plans to offer HD support for the Macintosh version of Avid Xpress Pro. The PC and Mac versions of Avid Xpress Pro are on different development schedules based on a range of factors that contribute to the timing in which products come to market. Although we have brought the PC version of Avid Xpress Pro with HD support to market first, we are currently planning to deliver the Mac version in a future release.