

Qualified PC Systems for Media Composer 7.0, NewsCutter 11, Assist 3.0 and Instinct 4.5

System	GPU	Earliest MC/NC Version Supported*	Assist, Instinct	Nitris DX	Mojo DX	ISIS	Unity MediaNetwork (Fibre only)	Notes**
PC Desktops								
HP Z820 Dual 8 Core Intel Xeon E5-2665 2.4 GHz	NVIDIA Quadro 4000 Quadro K4000	6.0.3.2/10.0.3.2	No	Yes	Yes	Yes	No	16GB (8x2GB) or 32GB (8x4GB) ECC Memory
HP Z820 Dual 6 Core Intel Xeon E5-2640 2.5 GHz	NVIDIA Quadro 4000 Quadro K4000	5.5.3.6/9.5.3.6	No	Yes	Yes	Yes	No	16GB (8x2GB) or 32GB (8x4GB) ECC Memory
Dell T7600 Dual Intel® 6-Core Xeon® E5-2640 2.5GHz or Dual Intel® 8-Core Xeon® 2.2 GHz Processors	NVidia Quadro 4000 Quadro K4000	6.5/10.5	No	Yes	Yes	Yes	No	16GB (8x2GB) or 32GB (8x4GB) ECC Memory
Lenovo D30 Dual 6 Core Xeon E5-2640 2.5GHz or dual 8 Core Xeon E5-2660 2.2GHz	NVidia Quadro 4000 Quadro K4000	6.5/10.5	Yes	Yes	Yes	Yes	No	16GB (8x2GB) or 32GB (8x4GB) ECC Memory

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Dell T5600 Dual Intel® 6-Core Xeon® E5-2630 2.5GHz or Dual Intel® 8-Core Xeon® 2.2 GHz Processors	NVidia Quadro 4000 Quadro K4000	6.5/10.5	No	Yes	Yes	Yes	No	16GB (8x2GB) or 32GB (8x4GB) ECC Memory
Lenovo C30 Dual Intel® 6-Core Xeon® E5-2640 2.5GHz or Dual Intel® 8-Core Xeon® 2.2 GHz Processors	NVIDIA Quadro 4000 Quadro K4000	6.5/10.5	No	Yes	Yes	Yes	No	16GB (8x2GB) or 32GB (8x4GB) DDR3-1600 RAM
HP Z420 Single 6 Core Xeon E5-1650 3.2 GHz	NVIDIA Quadro 2000 Quadro K2000	6.5/10.5	Yes	Yes	Yes	Yes	No	8GB (4 x 2GB) or 16GB (8x2GB) DDR3 1600 ECC memory
Dell T3600 Intel 6-core E5-1650 3.2GHz	NVidia Quadro 2000 Quadro K2000	6.5/10.5	Yes	Yes	Yes	Yes	No	8GB (4x2GB) or 16GB(4x4GB) ECC Memory
Lenovo S30 Single 6 Core Xeon E5-1650 3.2 GHz	NVIDIA Quadro 2000 Quadro K2000	6.5/10.5	Yes	Yes	Yes	Yes	No	8GB (4 x 2GB) or 16GB (8x2GB) DDR3 1600 ECC memory
HP Z800 dual 6-core 2.66 Ghz (X5650)	Quadro FX 3800 Quadro 4000	5.03/9.0.3	No	Yes	Yes	Yes	Yes	6GB, 12 GB, or 24 GB DDR3 1333 ECC RAM

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HP Z800, dual quad core, 2.X5570) or 2.66Ghz (X5550)	Quadro FX 3800 Quadro FX 4800 Quadro 4000	3.5.4/7.5.4	No	Yes	Yes	Yes	Yes	6GB, 12 GB, 24 GB DDR3 1333 ECC RAM
HP Z400 single 6-core 3.33 Ghz (W3680)	Quadro FX 3800 Quadro 2000	5.03/9.0.3	Yes	Yes	Yes	Yes	Yes	6GB or 12 GB DDR3 1333 OR 1066 ECC (3 or 6 Dimms) RAM
HP Z400 single quad Core, 2.93 (X5570) or 3.06Ghz (W3550)	Quadro FX 3800	3.5.4/7.5.4	Yes	Yes	Yes	Yes	Yes	6GB or 12 GB DDR3 1333 OR 1066 ECC (3 Dimms) RAM
HP Z230 Tower and SFF (Small Form Factor) Xeon Quad-core E3-1245v3 3.4 Ghz CPU	Intel HD P4600 Nvidia Quadro K600	6.5.4/10.5.4	Yes	No	No	Yes	No	8 or 16 GB DDR3-1600 memory (2 x 4GB / 4 x 4GB / 2 x 8GB) ISIS connectivity requires Intel i217-LM NIC with 18.3 Intel ProSet Driver
Dell T1700 Tower Only (Small Form Factor not supported) Xeon Quad-core E3-1245v3 3.4 Ghz CPU	Nvidia Quadro K600	6.5.4/10.5.4	Yes	No	No	Yes	No	8 or 16 GB DDR3-1600 memory (2 x 4GB / 4 x 4GB / 2 x 8GB) ISIS connectivity requires Intel i217-LM NIC with 18.3 Intel ProSet Driver

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Lenovo E32 Tower and SFF (Small Form Factor) Xeon Quad-Core E3-1245v3 3.4 Ghz CPU	Intel HD 4000 Nvidia Quadro K600	6.5.4/10.5.4	Yes	No	No	Yes	No	8 or 16 GB DDR3-1600 memory (2 x 4GB / 4 x 4GB / 2 x 8GB) ISIS connectivity requires Intel i217-LM NIC with 18.3 Intel ProSet Driver
HP Z220 Tower or Small Form factor (SFF): Xeon E3-1245v2 3.4 GHz	Intel HD 4000 Nvidia Quadro 600 Quadro K600	6.0.1.1	Yes	No	No	Yes	No	8 GB or 16 GB DDR3-1600 RAM Onboard NIC is supported for ISIS
Lenovo E31 Tower or Small Form Factor (SFF): Xeon E3-1245v2 3.4 GHz	Intel HD 4000 Nvidia Quadro 600 Quadro K600	6.0.1.1	Yes	No	No	Yes	No	8 or 16 GB DDR3-1600 RAM
HP Z210 quad core Xeon 3.3 E3-1240, 3.4 E3-1270, 3.5 E3-1280 Ghz	Quadro 600	5.5/9.5	Assist 2.3 or higher Instinct 3.5 or higher	No	No	Yes	No	Small Form Factor or Tower 4GB or 8 GB DDR3 1333 ECC (2 or 4 DIMMs) RAM

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HP Z1 All-in-one quad core Xeon E3 1245V2 3.4 Ghz	Q1000M Intel HD4000	6.5/10.5	Yes	No	No	Yes	No	8 or 16 GB DDR3-1600 memory
Lenovo ThinkCentre Edge 93Z i7-4770S quad core 3.1 Ghz	Intel HD4600	6.5.4/10.5.4	Yes	No	No	Yes	No	8 or 16 GB DDR3-1600 memory Note: Performance is equivalent to a high-end laptop
Lenovo ThinkCentre Edge 92z ALL-IN-ONE Quad-core i7-3770 3.1 GHz	Intel HD 4000	6.5/10.5	Yes	No	No	Yes	No	8 or 16 GB Memory Note: Performance is equivalent to a high-end laptop
HP z200 Intel i5 CPU 3.33GHz Low Profile version	Quadro FX 380 LP	N/A	Assist 2.2, Instinct 3.0 or later	No	No	Yes	No	4GB or 8GB DDR3 1333 ECC (2 DIMMs) RAM Use the on-board NIC for connection to ISIS. The Receive and Transmit Buffers need to be set to 1024 Does not support MC or NC No Windows 8 Support

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HP Z200 dual core i5*-660 3.33Ghz Tower version	Nvidia Quadro 600	5.03/9.0.3	Assist 2.2, Instinct 3.0 or later	No	No	Yes	No	<p>4GB or 8GB DDR3 1333 ECC (2 DIMMs) RAM</p> <p>Requires two matched DIMM's – either two 2GB DIMM's or two 4GB DIMM's , DIMM sizes cannot be mixed sizes)</p> <p>Recommended for cuts only editing with minimum effects and layers. Workflows involving Background Transcode, Dynamic Media Folders, Long GOP media editing, XAVC, J2k, full-frame stereoscopic 3D, FrameFlex 4k, Raw format AMA plug-ins and other high-performance workflows will not be supported.</p> <p>Processor intensive QT Codec's (H.264, AVCHD) will not support real-time playback with QT AMA</p> <p>Single-stream HD playback</p> <p>No Windows 8 Support</p>

System	GPU	Earliest MC/NC Version Supported*	Assist, Instinct	Nitris DX	Mojo DX	ISIS	Unity MediaNetwork (Fibre only)	Notes**
Dell T5500 dual 6-core, 2.66Ghz (x5650)	Quadro FX 4800 Quadro 4000	5.03/9.0.3	No	Yes	Yes	Yes	No	6GB, 12 GB, 24 GB DDR3 1333 ECC RAM
Dell T5500 dual quad core, 2.93Ghz (X5570)	Quadro FX 4800 Quadro 4000	3.5.4/7.5.4	No	Yes	Yes	Yes	No	6GB, 12 GB, 24 GB DDR3 1333 ECC RAM
Dell T3500 single 6-Core, 3.2Ghz (W3670)	Quadro FX 3800 Quadro 2000	5.03/9.0.3	Yes	Yes	Yes	Yes	No	6GB or 12 GB DDR3 1333 OR 1066 ECC (3 or 6 Dimms) RAM
Dell T3500 single quad Core, 2.93 or 3.06Ghz	Quadro FX 3800 Quadro 2000	3.5.4/7.5.4	Yes	Yes	Yes	Yes	No	6GB or 12 GB DDR3 1333 OR 1066 ECC (3 or 6 Dimms) RAM
HP xw8600 dual quad core, 3.00Ghz	Quadro FX 3700	3.0/7.0	No	Yes	Yes	Yes	Yes	4GB, 8 GB, or 16 GB DDR2 667 ECC RAM No Windows 8 Support
Dell T5400 dual quad core, 2.5 - 3.16 Ghz	Quadro FX 3700	3.0/7.0	No	Yes	Yes	Yes	No	4GB or 8 GB DDR2 667 ECC RAM No Windows 8 Support
PC Laptops								
HP Zbook 17" 2.4 Ghz and higher quad core i7	Nvidia K3100M or K4100M	6.5.4/10.5.4	No	No	With DX Thunderbolt Adapter	Yes	No	1920x1080 screen resolution 8 or 16 GB 1600Mhz DDR3 Memory Thunderbolt

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HP Zbook 15" 2.4 Ghz and higher quad core i7	Nvidia K1100M or K2100M	6.5.4/10.5.4	No	No	With DX Thunderbolt Adapter	Yes	No	1920x1080 screen resolution 8 or 16 GB 1600Mhz DDR3 Memory Thunderbolt
HP Zbook 14" 2.1 Ghz dual core i7-4600U	ATI Radeon 8500M & Intel HD4400	6.5.4/10.5.4	No	No	No	Yes	No	1920x1080 screen resolution 8 or 16 GB 1600Mhz DDR3 Memory Limited Performance*
Dell M6700 2.6 GHz and above Quad-Core Intel i7	Intel HD 4000 / NVidia K3000M or K4000M Graphics	6.5/10.5	No	No	No	Yes	No	8GB Memory 1600 Mhz DDR3 RAM
Dell M4700 2.6 GHz and above Quad-Core Intel i7	Intel HD 4000 / NVidia K1000M or K2000M Graphics	6.5/10.5	No	No	No	Yes	No	8GB Memory 1600 Mhz DDR3 RAM
HP 8770w Laptop 2.6 GHz and above Quad-Core Intel i7	Intel HD 4000 Nvidia K3000M or K4000M	6.5/10.5	Yes	No	Yes	Yes	No	8GB 1600 Mhz DDR3 RAM
HP 8570w Laptop 2.6 GHz and above Quad-Core Intel i7	Intel HD 4000 NVIDIA K1000M or K2000M	6.5/10.5	No	No	Yes	Yes	No	8GB 1600 Mhz DDR3 RAM

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Lenovo ThinkPad W530 Intel Core i7 - 2.6 GHz and higher	Intel HD 4000 NVIDIA K1000M or K2000M	6.0.1.1/10.0.1.1	No	No	Yes	Yes	No	8 GB PC3-12800 DDR3 RAM
HP 8760w i7-2820Q, i7-2820Q 2.2, 2.3 Ghz 17" 1920x1080	Quadro 3000M Quadro 4000M	5.5/9.5	No	No	Yes	Yes	No	8 GB DDR3 1600/1333 non ECC RAM
HP 8560w , i7-2720Q, 2820Q 2.2, 2.3 Ghz 15" 1920x1080	Quadro 1000M Quadro 2000M	5.5/9.5	No	No	No	Yes	No	8 GB DDR3 1600/1333 non ECC RAM The Express PCI slot on the HP 8560w laptop does not match the industry specification and as a result the Mojo DX and other 3rd-party adapter cards do not fit properly
Dell M6600 , i7-2720Q, 2820Q 2.2, 2.3 Ghz 17" 1920x1080	Quadro 3000M Quadro Q4000M	5.5/9.5	No	No	Yes	Yes	No	8 GB DDR3 1600/1333 non ECC RAM
Dell M4600 , i7-2720Q, 2820Q 2.2, 2.3 Ghz 15" 1920x1080	Quadro 1000M Quadro 2000M	5.5/9.5	No	No	Yes	Yes	No	8 GB DDR3 1600/1333 non ECC RAM
HP 8740w i7-820Q 1.73 Ghz, i7-840Q 1.87 Ghz 17" 1920x1200	Quadro FX 3800M	4.0/8.0	No	No	Yes	Yes	No	8 GB DDR3 1333/1066 non ECC RAM No Windows 8 Support
HP 8540w i7-820Q 1.73 Ghz, i7-840Q 1.87Ghz 15" 1920x1080	Quadro FX1800M	4.0/8.0	No	No	Yes	Yes	No	8 GB DDR3 1333/1066 non ECC RAM No Windows 8 Support

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Dell M6500 i7-820Q, i7-840Q, i7-920X (1.73, 1.87, 2.0 Ghz) 17" 1920x1200	Quadro FX 2800M Quadro FX 3800M	4.0/8.0	No	No	Yes	Yes	No	8 GB DDR3 1333/1066 non ECC RAM No Windows 8 Support

3rd Party Open IO Supported Hardware: Each vendor qualifies their own hardware to work with various host CPUs. For updated lists of supported 3rd party hardware configurations visit the vendor's website. See the [Open IO Frequently Asked Questions on the Knowledge Base for links to their websites.](#)

Configuration Guides: http://avid.force.com/pkb/articles/en_US/user_guide/en269631

Windows Minimum Specifications

- **Computer:** [Avid-qualified Windows-based computer](#)¹
- **OS:** Windows 7 Professional SP1 (64-bit), Windows 8 Professional or Enterprise (64-bit), Windows 8.1 Professional or Enterprise
 - Windows 8.1 support requires v7.0.3/11.0.3 or later versions
- **Processor:** Intel quad-core i7* or Quad Core Xeon
- **Memory:**
 - 4 GB RAM minimum (6+ GB recommended)
 - 8 GB RAM minimum required to support Interplay Sphere², background transcoding, and Dynamic Media Folders
 - 16+ GB RAM recommended to support full-frame stereoscopic 3D, Simultaneous background transcoding, Dynamic Media Folders, FrameFlex 4K workflows, Raw format AMA plug-ins, Long GOP media editing, and other high-performance workflows
- **Graphics card:** NVIDIA Quadro family³(Q600 or higher recommended), Intel HD4000

¹ Uncompressed video on laptops is limited to one stream of uncompressed SD video, except for Windows-based Intel Core i7 laptops (Quad Core with Hyper-Threading) with eSata external storage, which can play multiple streams of 1:1 uncompressed SD.

² Interplay Sphere is not supported on systems using background transcode or Dynamic Media Folders. Avid recommends 12+ GB of RAM for Interplay Sphere workflows involving HD long GOP media, such as AVCHD, MPEG-2, and XDCAM. For more information on Interplay Sphere, please consult the Interplay Sphere product page

³ NVIDIA cards are recommended; full-screen playback requires a minimum 128 MB of graphics memory. For information regarding the graphics card supported with your specific configuration, please refer to the Avid-qualified Windows-based computer list or Avid-qualified Mac-based computer list.

- **Internal hard drive:** Minimum 250 GB 7200 rpm SATA drive, 128 GB SSD

RAM listed is what Avid tested as part of the qualification process. Adding more memory is supported as long as it adheres to the manufacturer's recommendations.

* HP z200 with Intel i5 and HP Zbook 14" dual-core i7 is qualified for limited functionality. Recommended for cuts only editing with minimum effects and layers. Workflows involving Background Transcode, Dynamic Media Folders, Long GOP media editing, XAVC, J2k, full-frame stereoscopic 3D, FrameFlex 4k, Raw format AMA plug-ins and other high-performance workflows will not be supported.

Processor intensive QT Codec's (H.264, AVCHD) will not support real-time playback with QT AMA

Single-stream HD playback

Revision	Change
12/16/2013	Added HP Zbook laptops, 93Z All-in-one
10/9/2013	Added HP Z230 Tower, HP Z230 SFF, Lenovo E32 Tower, Lenovo E32 SFF, DELL T1700 (Tower only)
6/12/2013	Initial rev