

Qualified PC Systems for Media Composer 6, Symphony 6 and Newscutter 10, Assist 2.5 - 2.6 and Instinct 4.0 - 4.1

System	GPU	Earliest MC/SY/NC Version Supported*	Software-Only Editor	Assist, Instinct	Nitris DX	Mojo DX	ISIS	Media Network Fibre	Notes**
PC Desktops									
Lenovo ThinkStation E31 Intel Xeon E3-1245V2 3.40 GHz processor	NVIDIA Quadro 600 graphics adapter or integrated Intel HD Graphics P4000	6.0.1.1/10.0.1.1	Yes	Yes	No	No	Yes	No	8 GB DDR3-1600 RAM
HP Z800 dual 6-core 2.66 Ghz (X5650)	Quadro FX 3800 Quadro4000	5.03/9.0.3	Yes	No	Yes	Yes	Yes	Yes	6GB or 12 GB DDR3 1333 ECC (3 DIMMs per CPU) RAM Avid Configuration Guide
HP Z800, dual quad core, 2.93 (X5570) or 2.66Ghz (X5550)	Quadro FX 3800 Quadro FX 4800 Quadro4000	3.5.4/7.5.4	Yes	No	Yes	Yes	Yes	Yes	6GB or 12 GB DDR3 1333 ECC (3 DIMMs per CPU) RAM Avid Configuration Guide
HP Z400 single 6-core 3.33 Ghz (W3680)	Quadro FX 3800 Quadro 2000	5.03/9.0.3	Yes	Yes	Yes	Yes	Yes	Yes	6GB or 12 GB DDR3 1333 OR 1066 ECC (3 or 6 Dimms) RAM Avid Configuration Guide
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	Yes	6GB or 12 GB DDR3 1333 OR 1066 ECC (3 or 6 Dimms) RAM Avid Configuration Guide

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HP z220 Small Form Factor E3-1245v2 3.4 GHz 8 GB DDR3-1600 memory	Intel HD Graphics 4000 or NVIDIA Quadro 600	6.0.1.1/10.0.1.1	Yes	Yes	No	No	Yes	No	8 GB DDR3-1600 RAM Onboard NIC is supported for ISIS
HP z220 Tower Xeon E3-1245v2 3.40 GHz processor	Intel HD graphics P4000 or NVIDIA Quadro 600	6.0.1.1/10.0.1.1	Yes	No	No	No	Yes	No	8 GB DDR3-1600 RAM Onboard NIC is supported for ISIS
HP Z210 quad core Xeon 3.3 E3-1240, 3.4 E3-1270, 3.5 E3-1280 Ghz	Quadro 600	5.5/9.5	Yes	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 Avid Configuration Guide
HP z200 Intel i5 CPU 3.33GHz Low Profile version	Quadro FX 380 LP	N/A	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

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HP Z200 dual core i5-660 3.33Ghz Tower version	Quadro 600	5.03/9.0.3	Yes	Assist 2.2, Instinct 3.0 or later	No	No	Yes	No	4GB or 8GB DDR3 1333 ECC (2 DIMMs) RAM Requires two 2GB DIMMs - DIMM sizes cannot be mixed sizes) Recommended for cuts only editing with minimum effects and layers Processor intensive QT Codec's (H.264, AVCHD) will not support real-time playback with QT AMA Single-stream HD playback Avid Configuration Guide
Dell T5500 dual 6-core, 2.66Ghz (x5650)	Quadro FX 4800 Quadro 4000	5.03/9.0.3	Yes	No	Yes	Yes	Yes	No	6GB or 12 GB DDR3 1333 ECC (3 DIMMs per CPU) RAM Avid Configuration Guide
Dell T5500 dual quad core, 2.93Ghz (X5570)	Quadro FX 4800 Quadro 4000	3.5.4/7.5.4	Yes	No	Yes	Yes	Yes	No	6GB or 12 GB DDR3 1333 ECC (3 DIMMs per CPU) RAM Avid Configuration Guide
Dell T3500 single 6-Core, 3.2Ghz (W3670)	Quadro FX 3800 Quadro 2000	5.03/9.0.3	Yes	Yes	Yes	Yes	Yes	No	6GB or 12 GB DDR3 1333 OR 1066 ECC (3 or 6 Dimms) RAM Avid Configuration Guide
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	Yes	No	6GB or 12 GB DDR3 1333 OR 1066 ECC (3 or 6 Dimms) RAM Avid Configuration Guide
HP xw8600 dual quad core,	Quadro FX 3700	3.0/7.0	Yes	No	Yes	Yes	Yes	Yes	4GB or 8 GB DDR2 667 ECC RAM

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3.00Ghz									Avid Configuration Guide
Dell T5400 dual quad core, 2.5 - 3.16 Ghz	Quadro FX 3700	3.0/7.0	Yes	No	Yes	Yes	Yes	No	4GB or 8 GB DDR2 667 ECC RAM Avid Configuration Guide
HP xw4600 3.0 Ghz core2 Duo	Quadro FX 570	3.0/7.0	Yes	Yes	NO	Limited Support	Yes	No	4GB or 8 GB DDR2 667 ECC RAM HD capture Not supported, limited HD playback† Avid Configuration Guide
Dell T3400 2.33, 2.66 Ghz core2 Duo	Quadro FX 570	3.0/7.0	Yes	Yes	NO	Limited Support	Yes	No	4GB or 8 GB DDR2 667 ECC RAM HD capture Not supported, limited HD playback† Avid Configuration Guide
PC Laptops									
Lenovo ThinkPad W530 Intel Core i7-3720QM 2.6 GHz, i7-2820QM 2.7Ghz, i7-3920XM 2.9GHz processor	NVIDIA Quadro K1000M or K2000M mobile graphics	6.0.1.1/10.0.1.1	Yes	No	No	No	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	Yes	No	No	Yes	Yes	No	8 GB DDR3 1600/1333 non ECC RAM

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HP 8560w , i7-2720Q, 2820Q 2.2, 2.3 Ghz 15" 1920x1080	Quadro 1000M Quadro 2000M	5.5/9.5	Yes	No	No	No††	Yes	No	8 GB DDR3 1600/1333 non ECC RAM ††
Dell M6600 , i7-2720Q, 2820Q 2.2, 2.3 Ghz 17" 1920x1080	Quadro 3000M Quadro Q4000M	5.5/9.5	Yes	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	Yes	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	Yes	No	No	Yes	Yes	No	8 GB DDR3 1333/1066 non ECC RAM
HP 8540w i7-820Q 1.73 Ghz, i7-840Q 1.87Ghz 15" 1920x1080	Quadro FX1800M	4.0/8.0	Yes	No	No	Yes	Yes	No	8 GB DDR3 1333/1066 non ECC RAM
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	Yes	No	No	Yes	Yes	No	8 GB DDR3 1333/1066 non ECC RAM
HP 8730 2.53, 3.06 Ghz Core 2 Duo	Quadro FX 2700M Quadro FX 3700M	3.0/7.0	Yes	No	No	Limited Support	Yes	No	4GB DDR2 800 non ECC RAM HD capture Not supported, HD playback limited†

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HP 8530 2.53, 3.06 Ghz Core 2 Duo	Quadro FX 770M	3.0/7.0	Yes	No	No	Limited Support	Yes	No	4GB DDR2 800 non ECC RAM HD capture Not supported, HD playback limited†
Dell 6400 2.53, 3.06 Ghz Core 2 Duo	Quadro FX 2700M Quadro FX 3700M	3.0/7.0	Yes	No	No	Limited Support	Yes	No	HD capture Not supported, HD playback limited † 4GB DDR3 1066 non ECC RAM You must run the AME registry file before using the Avid applications. This is available on the Avid Knowledge Center

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.custkb.com/avid/app/selfservice/search.jsp?DocId=269631>

Minimum PC Specifications

OS: Windows 7 Professional SP1 (64-bit)

Processor: Intel Core 2 Duo† 2.33 GHz processor or faster

Memory: 4 GB of RAM (6+ GB of RAM recommended)

Graphics card: NVIDIA Quadro FX family (FX 560 or higher)

Media Drive: 7200 rpm or faster

Dual-Layer Capable DVD Drive: Installer discs are dual-layer DVDs

* Symphony 5.5 and earlier only supported with z800 and xw8600 with Nitris DX attached.

** 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. Memory-intensive workflows such as 3D stereoscopic, DNx 444, AVCHD AMA and H.264 QuickTime AMA will benefit from higher-performance systems with more memory. Full-frame stereoscopic 3D requires at least 12 GB for optimal performance.

† Core 2 Duo based systems do not support HD capture. You may experience limited HD playback performance.

†† 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

Revision	Change
8/24/2012	Clarified onboard NIC ISIS support for z220
8/14/2012	Added Assist and Instinct support to HP z220 and Lenovo E31. Added Assist 2.6 and Instinct 4.1
8/8/2012	Added HP z220 support
7/20/2012	Added Lenovo ThinkPad W530 and ThinkStation E31
4/16/2012	Corrected Instinct version to 4.0
1/20/2012	Removed Quadro 2000 from the 1 st Gen z400. Clarified HD limitations for Core 2 Duo and i5 systems
1/16/2012	Added updated Dell T5500 guides to cover both dual-six and dual-quad core

	models
11/17/2011	Removed 3 rd party IO column in favor of a link to the KB FAQ as the qualifications are performed by the vendors and are subject to change. Added links to configuration guides.
11/10/2011	Corrected 3 rd party IO support for z200
11/9/2011	Corrected 3 rd -party IO to point to vendor qual list
11/3/2011	Corrected MacBook Air RAM
10/13/2011	Initial rev