

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

| System                                                           | GPU                                            | Earliest MC/SY/NC Version Supported* | Software-Only Editor | Assist, Instinct                               | Nitris DX | Mojo DX | ISIS | Media Network Fibre | Notes**                                                                                                                |
|------------------------------------------------------------------|------------------------------------------------|--------------------------------------|----------------------|------------------------------------------------|-----------|---------|------|---------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>PC Desktops</b>                                               |                                                |                                      |                      |                                                |           |         |      |                     |                                                                                                                        |
| HP Z800 dual 6-core 2.66 Ghz (X5650)                             | Quadro FX 3800<br>Quadro4000                   | 5.03/9.0.3                           | Yes                  | No                                             | Yes       | Yes     | Yes  | yes                 | 6GB or 12 GB DDR3 1333 ECC (3 DIMMs per CPU) RAM<br><a href="#">Avid Configuration Guide</a>                           |
| HP Z800, dual quad core, 2.93 (X5570) or 2.66Ghz (X5550)         | Quadro FX 3800<br>Quadro FX 4800<br>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<br><a href="#">Avid Configuration Guide</a>                           |
| HP Z400 single 6-core 3.33 Ghz (W3680)                           | Quadro FX 3800<br>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<br><a href="#">Avid Configuration Guide</a>                      |
| 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<br><a href="#">Avid Configuration Guide</a>                      |
| 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<br>Instinct 3.5 or higher | No        | No      | Yes  | No                  | Small Form Factor or Tower<br>4GB or 8 GB DDR3 1333 ECC (2 or 4 DIMMs) RAM<br><a href="#">Avid Configuration Guide</a> |

| System                                                     | GPU                           | Earliest MC/SY/NC Version Supported* | Software-Only Editor | Assist, Instinct                  | Nitris DX | Mojo DX | ISIS | Media Network Fibre | Notes**                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------|-------------------------------|--------------------------------------|----------------------|-----------------------------------|-----------|---------|------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HP z200 Intel i5<br>CPU 3.33GHz<br><br>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<br><br>Use the on-board NIC for connection to ISIS. The Receive and Transmit Buffers need to be set to 1024<br><br>Does not support MC or NC                                                                                                                                                                                     |
| HP Z200 dual core i5-660 3.33Ghz<br><br>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<br><br>Requires two 2GB DIMMs - DIMM sizes cannot be mixed sizes)<br><br>Recommended for cuts only editing with minimum effects and layers<br><br>Processor intensive QT Codec's (H.264, AVCHD) will not support real-time playback with QT AMA<br><br>Single-stream HD playback<br><br><a href="#">Avid Configuration Guide</a> |
| Dell T5500 dual 6-core, 2.66Ghz (x5650)                    | Quadro FX 4800<br>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<br><br><a href="#">Avid Configuration Guide</a>                                                                                                                                                                                                                                                                        |

| System                                       | GPU                           | Earliest MC/SY/NC Version Supported* | Software-Only Editor | Assist, Instinct | Nitris DX | Mojo DX         | ISIS | Media Network Fibre | Notes**                                                                                                                    |
|----------------------------------------------|-------------------------------|--------------------------------------|----------------------|------------------|-----------|-----------------|------|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Dell T5500 dual quad core, 2.93Ghz (X5570)   | Quadro FX 4800<br>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<br><a href="#">Avid Configuration Guide</a>                               |
| Dell T3500 single 6-Core, 3.2Ghz (W3670)     | Quadro FX 3800<br>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<br><a href="#">Avid Configuration Guide</a>                          |
| Dell T3500 single quad Core, 2.93 or 3.06Ghz | Quadro FX 3800<br>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<br><a href="#">Avid Configuration Guide</a>                          |
| HP xw8600 dual quad core, 3.00Ghz            | Quadro FX 3700                | 3.0/7.0                              | Yes                  | No               | Yes       | Yes             | Yes  | Yes                 | 4GB or 8 GB DDR2 667 ECC RAM<br><a href="#">Avid Configuration Guide</a>                                                   |
| 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<br><a href="#">Avid Configuration Guide</a>                                                   |
| 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<br>HD capture Not supported, limited HD playback†<br><a href="#">Avid Configuration Guide</a> |
| 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<br>HD capture Not supported, limited HD playback†<br><a href="#">Avid Configuration Guide</a> |
| <b>PC Laptops</b>                            |                               |                                      |                      |                  |           |                 |      |                     |                                                                                                                            |

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|-----------------------------------------------------------------------------|------------------------------------|--------------------------------------|----------------------|------------------|-----------|-----------------|------|---------------------|--------------------------------------------------------------------------------|
| HP 8760w i7-2820Q, i7-2820Q 2.2, 2.3 Ghz<br>17" 1920x1080                   | Quadro 3000M<br>Quadro 4000M       | 5.5/9.5                              | Yes                  | No               | No        | Yes             | Yes  | No                  | 8 GB DDR3 1600/1333 non ECC RAM                                                |
| HP 8560w , i7-2720Q, 2820Q 2.2, 2.3 Ghz<br>15" 1920x1080                    | Quadro 1000M<br>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<br>17" 1920x1080                  | Quadro 3000M<br>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<br>15" 1920x1080                  | Quadro 1000M<br>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<br>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<br>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)<br>17" 1920x1200 | Quadro FX 2800M<br>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<br>Quadro FX 3700M | 3.0/7.0                              | Yes                  | No               | No        | Limited Support | Yes  | No                  | 4GB DDR2 800 non ECC RAM<br><br>HD capture Not supported, HD playback limited† |

| System                              | GPU                                | Earliest MC/SY/NC Version Supported* | Software-Only Editor | Assist, Instinct | Nitris DX | Mojo DX         | ISIS | Media Network Fibre | Notes**                                                                                                                                                                                                                       |
|-------------------------------------|------------------------------------|--------------------------------------|----------------------|------------------|-----------|-----------------|------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br><br>HD capture Not supported, HD playback limited†                                                                                                                                                |
| Dell 6400 2.53, 3.06 Ghz Core 2 Duo | Quadro FX 2700M<br>Quadro FX 3700M | 3.0/7.0                              | Yes                  | No               | No        | Limited Support | Yes  | No                  | HD capture Not supported, HD playback limited †<br><br>4GB DDR3 1066 non ECC RAM<br><br>You must run the AME registry file before using the Avid applications. This is available on the <a href="#">Avid Knowledge Center</a> |

**3<sup>rd</sup> Party Open IO Supported Hardware:** Each vendor qualifies their own hardware to work with various host CPUs. For updated lists of supported 3<sup>rd</sup> 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 3<sup>rd</sup>-party adapter cards do not fit properly

| Revision   | Change                                                                                                                                                                                      |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/16/2012  | Corrected Instinct version to 4.0                                                                                                                                                           |
| 1/20/2012  | Removed Quadro 2000 from the 1 <sup>st</sup> 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 <sup>rd</sup> 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 <sup>rd</sup> party IO support for z200                                                                                                                                         |
| 11/9/2011  | Corrected 3 <sup>rd</sup> -party IO to point to                                                                                                                                             |

|            |                           |
|------------|---------------------------|
|            | vendor qual list          |
| 11/3/2011  | Corrected MacBook Air RAM |
| 10/13/2011 | Initial rev               |