



Avid® Editing Application

ReadMe for Media Composer® v2018.12.3

Revision History

| Date | Description |
|----------------|---|
| Nov 21, 2019 | Updated Qualified Hardware and Operating Systems to add note about Windows v10 64-bit v1909 is not currently supported. |
| May 21, 2019 | Updated Qualified Hardware and Operating Systems . |
| April 11, 2019 | Added MCCET-2496 to Fixed in Media Composer v2018.12.3 . |

IMPORTANT: Avid periodically makes software updates available for download on [Avid.com](http://www.avid.com/us/support/downloads) at the following location:www.avid.com/us/support/downloads. Please check the above site regularly for information on available downloads for your product.

Important Information

Avid® recommends that you read all the information in this ReadMe file thoroughly before installing or using any new software release.

Important: Search the Avid Knowledge Base for the most up-to-date ReadMe file, which contains the latest information that might have become available after the documentation was published.

This document describes compatibility issues with previous releases, software installation instructions, hardware and software requirements, and summary information on system and memory requirements. This document also lists hardware and software limitations.

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Symbols and Conventions

Avid documentation uses the following symbols and conventions:

| Symbol or Convention | Meaning or Action |
|---|--|
|  | A note provides important related information, reminders, recommendations, and strong suggestions. |
|  | A caution means that a specific action you take could cause harm to your computer or cause you to lose data. |
|  | A warning describes an action that could cause you physical harm. Follow the guidelines in this document or on the unit itself when handling electrical equipment. |
| > | This symbol indicates menu commands (and subcommands) in the order you select them. For example, File > Import means to open the File menu and then select the Import command. |
| ▶ | This symbol indicates a single-step procedure. Multiple arrows in a list indicate that you perform one of the actions listed. |

| Symbol or Convention | Meaning or Action |
|---|--|
| (Windows), (Windows only), (Macintosh), or (Macintosh only) | This text indicates that the information applies only to the specified operating system, either Windows or Macintosh OS X. |
| Bold font | Bold font is primarily used in task instructions to identify user interface items and keyboard sequences. |
| <i>Italic font</i> | Italic font is used to emphasize certain words and to indicate variables. |
| Courier Bold font | Courier Bold font identifies text that you type. |
| Ctrl+key or mouse action | Press and hold the first key while you press the last key or perform the mouse action. For example, Command+Option+C or Ctrl+drag. |

If You Need Help

If you are having trouble using your Avid product:

1. Retry the action, carefully following the instructions given for that task in this guide. It is especially important to check each step of your workflow.
2. Check this ReadMe file for the latest information that might have become available after the documentation was published. Also check online for the most up-to-date ReadMe because the online version is updated whenever new information becomes available. To view the online ReadMe, select ReadMe from the Help menu, or visit the Knowledge Base at <http://www.avid.com/readme>.
3. Check the documentation that came with your Avid application or your hardware for maintenance or hardware-related issues. In addition to the printed documentation supplied with your editing application, the documentation is supplied in PDF format when you install the application. Topics that you print from the Help have limited page layout and formatting features. If you want to print a higher quality version of Help information, Avid recommends that you print all or part of the PDF version of the appropriate Avid manual included in the Online Library for your editing application. To access the Online Library, select Help > Online Library from within your Avid editing application.
4. Visit Avid Online Support at www.avid.com/onlineSupport/. Online support is available 24 hours per day, 7 days per week. Search the Knowledge Base to find answers, to view error messages, to access troubleshooting tips, to download updates, and to read or join online message-board discussions.

Media Composer Notes



(Mac) You might receive an “Is not optimized for your Mac” message while launching Media Composer for the first time on a Mac OS 10.14.x system. Press OK to continue.



(MCDEV-10195) If you are running Media Composer | Cloud Remote on Mac, DO NOT update to Media Composer v2018.12.x.

- (MCCET- 2541) When working with Avid Artist DNxIO or Avid Artist DNxIQ, you should disable the Line In recording input (BlackMagic Audio in the Windows OS).
- Avid recommends that you **do not** install Desktop Video software version 10.10.1 on Media Composer versions prior to v2018.5.1.
- **Avid Artist DNxIO and Avid Artist DNxIQ:** If you are using Avid Artist DNxIO, Avid Artist DNxIQ, or a BlackMagic Designs video device, please update to Desktop Video software version 10.10.1 or higher. The minimum Desktop Video version that will work with Media Composer v18.5.1 is 10.9.11. Older versions will be rejected, and you will not be able to use your hardware until you update.
- **Qualified Operating Systems:** For information on qualified operating systems, see [Qualified Hardware and Operating Systems](#).
- **Dongle Info (Mac Only):** The Dongle Sentinel driver installer is no longer automatically installed when you install the editing application. The driver is now located in the Avid_Uilities folder (/Applications/Utilities/Avid_Uilities/Sentinel_Driver). If you have a dongle, manually install the driver from this location.



When installing the Sentinel Driver, check your System Preferences and select “Security and Privacy.” You may need to choose to Allow the driver to be accessed.

- **NVIDIA Driver:** The editing application supports Nvidia Driver v411.95.
Avid recommends that if you are on a Windows 7 system and working with the v411.95 Nvidia driver, you should enable desktop composition. See this article for details:
http://avid.force.com/pkb/articles/en_US/how_to/Enable-Desktop-Composition-in-Windows-7
- **DX Driver installed separately:** Starting with Media Composer v8.9.4, the DX Driver was not automatically installed on Mac systems. With this release, the DX Driver is not automatically installed on Windows systems. See [Avid DX Driver Separate Installer](#).

Fixed in Media Composer v2018.12.3

The following have been fixed:

- **Bug Number:** MCCET-2496. In some instances, the Production Management window did not display the available resolutions correctly.
- **Bug Number:** MCCET-2919. The editing application would crash intermittently when trimming with Motion Effects in the Timeline.
- **Bug Number:** MCCET-2916. In some instances, you would receive an exception error when working with keyframes in the Motion Effect Editor.
- **Bug Number:** MCCET-2892. In some instances, playback would stop after adding an Audio Mark IN/OUT.
- **Bug Number:** MCDEV-10686. Clicking on the checkbox for “Enable Mask Margin” or “Include Inactive Audio Tracks” in the AAF export dialog did not enable the options.
- **Bug Number:** MCCET-2772. Clips may not have updated properly if you batch imported with Dynamic Relink enabled.
- **Bug Number:** MCCET-2895. On some systems, the memory usage would increase until the editing application became sluggish.

Limitations

- **Bug Number:** MCDEV-8641. (AMD Graphics). Systems with AMD graphics cards might display tearing when performing Full Screen playback.
- **Bug Number:** MCDEV-9460. Windows 7 systems with Nvidia Maxwell or Nvidia Pascal cards might experience playback issues that could result in “Play Consumer timeout” errors.

Workaround: Select “Disable GPU Effects” in the Render Settings dialog box.

- **Bug Number:** MCDEV-9269. (Media Composer | Cloud) After performing a remote download operation on a sequence containing AVC-I 100 remote media, the downloaded media appears as XAVC-I 100.

Workaround: Download the entire master clips.

- **Bug Number:** (Mac). You may occasionally see the menu bar flash followed by a brief beach ball. To fix this, deactivate “Displays have separate spaces” under System Preferences > Mission Control settings.
- **Bug Number:** MCDEV-9011. Intermittently, when working with the XDCAM Nablet Plug-in, you might see “Failed to get the sample position from the AMA Plug-in” errors if you have waveforms enabled in the Timeline.
- **Bug Number:** COGS-2560. While working in the Script Window, text operations (cut/copy/paste/delete/editing) can only be done in edit mode. See “Editing a Script” in the Help.
- **Bug Number:** MCDEV-5650. When working with Panasonic LongG media, you might receive an “SFPlayConsumer Timeout” error if audio waveforms are enabled.

Workaround: Turn off audio waveforms.

- **Bug Number:** MCDEV-5385. MultiCam editing with Panasonic LongG media is not supported with this release.

Before Installing the Editing Application

Avid DX Driver Separate Installer

The Avid DX Driver is not automatically installed when you install the editing application. If you need to install the Avid DX Driver to work with your Avid IO device, you can install it separately.

The installer is located:

- (Mac) /Applications/Utilities/Avid Utilities
- (Windows) Program Files\Avid\Utilities\DXDrivers



For Windows systems, there is a Win7 driver and a Win10 driver in the Utilities folder. The Win7 driver works for both Windows 7 and Windows 8 systems.

Before Installing the Editing Application in an Avid Interplay Environment



Please note the following before you install the editing application in an Avid Interplay or Avid MediaCentral environment.

Carefully read through the “Avid Editor Compatibility with Interplay Releases” guide (found in the following link) before upgrading. It might be necessary to also upgrade the Interplay components on the editing client.

http://avid.force.com/pkb/articles/en_US/compatibility/Avid-Video-Compatibility-Charts

Upgrading to Mac OS v10.11.x

(Mac) If you upgrade to Mac OS 10.11.x, you must uninstall Media Composer. Reinstall Media Composer after you perform the OS upgrade. If you use Avid Artist DNxIO, you must also uninstall the Desktop Video software and reinstall it after the OS upgrade.

Installation Information

Read through the *Installation Guide for Avid Editing Applications*. This document is available on the Knowledge Base.

If you are upgrading from v7.x to v8.x, you must uninstall the Avid Transcode Service and the Avid Editing application. Beginning with version 8.0 of the editing application, the Transcode Service is included as part of the editing application and is no longer a separate program. When you uninstall Media Composer v8.0, a separate uninstall of Transcode service is no longer necessary.

Buffer Error Message

The editing application requires a minimum of 8GB RAM. If you try to install the editing application on a system with less than 8GB RAM, you will receive a buffer error and installation will not proceed.

Sentinel Error Message

(MCDEV-2394) On a Windows 7 system, if a “Failed to add Sentinel64.cat file.” error appears during the installation, you can safely click OK to continue with the installation. Dongle activation will work properly.

Download Note

To avoid “File Path too long” or a “File cannot be copied” warning while unzipping the downloaded installer, try placing the installer .zip on the root level of your C:\ drive and unzip it from that location.

User Right to Raise Thread Priority

(Windows) Note for Domain Administrators: If your editing systems are part of a domain, you must give the user the right to “Increase Scheduling Priority.” This must be done within the Domain Group Policy on the domain controller by giving the right explicitly to the user or giving the right to a group and adding the user to that group. You will not be able to launch as a regular user if this is not set properly.

If you are part of a domain, a Domain Administrator should install and perform the first launch of the editing application.

Install as Administrator

You need to first install and launch the editing application as an Administrator. If you are in a Shared Storage environment, mount your workspaces as an Administrator. You may then log off and log back in as a Standard user, if necessary.

After Installing the Editing Application

AMA Plug-Ins

You cannot install the AMA Plug-ins while the editing application background services are running. Make sure you Stop the services before installing the AMA Plug-Ins. The stop/start background services icon is on the menu bar (Macintosh) or taskbar (Windows). Once you install the new AMA plug-in, restart the services. See “Starting and Stopping Avid Background Services” in the Help.

Notes on Software Licensing

If You Upgrade Your Operating System

If you need to upgrade your operating system after you install your Avid editing application, first deactivate your software. After you upgrade your operating system and, if required, reinstall your application, you can reactivate your software. For information on activating and deactivating your software license, see the *Installation Guide for Avid Editing Applications*.

Minimum RAM Recommendation

For this release Avid recommends a minimum of 8GB of RAM. Some features might require more RAM and specific hardware. See “[Feature Performance](#)” on page 27 for more info.

Qualified Hardware and Operating Systems

Some features are processor-intensive and require specific hardware. See “[Feature Performance](#)” on page 27 for more info.

The following tables provide the information on qualified Windows and Macintosh hardware.

For 3rd-Party Open IO hardware qualification refer to the manufacturer’s documentation. See the Open IO Frequently Asked Questions document on the Knowledge Base: http://avid.force.com/pkb/articles/en_US/faq/en422991

The following lists the qualified Operating Systems. Depending upon your hardware the qualified Operating Systems are:

- Windows v7 64-bit SP1(Professional) and Windows v8.1 (Professional and Enterprise), Windows v10 64-bit v1809 or later (Professional and Enterprise).



Windows v10 64-bit v1909 is not currently supported.

- Macintosh v10.12.6, 10.13.6, 10.14.3



With the release of Mac OS v10.13.x and higher, Apple requires manual approval of loading Kernel Extensions (KEXTs). (For example Avid Nitris DX, BlackMagic, and AJA IO devices install Kernel Extensions.) At installation time, you should get a dialog saying that the KEXT was not loaded. You must go the “Security & Privacy” system preference and manually approve the KEXT. Keep the Security & Privacy pane open after you install the I/O device drivers so that you will see the notice that the driver has been blocked and press the “allow” button within 30 minutes of installing or the driver will be permanently blocked.

Qualified Workstations and Laptops

The following tables list the qualified workstations and laptops for Media Composer editing applications.

Qualified PC Workstations with Avid Media Composer

The following PC Workstations are qualified with Avid Media Composer.



Avid Artist DNxIV requires a Thunderbolt 2 or 3 card. See [details here](#).

| Qualified PC Hardware | Graphics Card | Supported with |
|--|--|---|
| HP Z2 G4 3.0 Ghz or higher six core i7/Xeon E3 Tower or SFF 8 to 64 GB DDR4-2666 memory | Nvidia P620, P1000, P2000 AMD WX7100 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| Dell 3630 3.0 Ghz or higher six core i7/Xeon E3 Tower 8 to 64 GB DDR4-2666 memory | Nvidia P1000, P2000 AMD WX7100 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |

| Qualified PC Hardware | Graphics Card | Supported with |
|--|---|---|
| Dell 3430 3.0 Ghz or higher six core i7/Xeon E3 SFF 8 to 64 GB DDR4-2666 memory | Nvidia P1000 AMD WX4100 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| Dell 3930 3.0 Ghz or higher six core i7/Xeon E3 1U Rack 8 to 64 GB DDR4-2666 memory Thunderbolt adapter not supported | Nvidia P1000, P2000 AMD WX7100 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| Lenovo P330 3.0 Ghz or higher six core i7/Xeon E3 Tower or SFF 8 to 64 GB DDR4-2666 memory | Nvidia P600 P1000 P2000 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| Lenovo P330 Tiny 2.9 Ghz six core i7-8700T 8 to 64 GB DDR4-2666 memory – 1 option slot – TB or discrete graphics | Nvidia P600 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| HP Z2 G4 Mini 3.0 Ghz or higher six core i7/Xeon E3 8 to 32 GB 2666Mhz DDR4 Memory. Performance model only Thunderbolt option. | Nvidia P600, P1000 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| HP Z8 G4 Dual [8 - 24 core 2.1 Ghz or higher] scalable 64-128 GB DDR4-2666 memory, Tower | Nvidia P4000, P5000, P6000 AMD WX7100 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| HP Z6 G4 Dual [8 -24 core 2.1 Ghz or higher] Intel Scalable Processors 64 to 192GB DDR4-2666 memory | Nvidia P4000, P5000, AMDWX7100 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |

| Qualified PC Hardware | Graphics Card | Supported with |
|--|---|---|
| HP Z4 G4 6 - 10 core or 18 core 3.3 Ghz or higher processor 32-128 GB DDR4-2666 memory, Tower | Nvidia P2000, P4000 AMD WX5100,WX7100 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| Dell 7920 Dual (8-24 core 2.1 GHz or higher) Intel Scalable Processors Tower 64 to 128 GB DDR4-2666 memory | Nvidia P4000 P5000 P6000 AMD WX7100 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| Dell R7920 Dual (8-24 core 2.1 GHz or higher) Intel Scalable Processors Rack 64 to 128 GB DDR4-2666 memory Thunderbolt adapter not supported in Rack 7920 | Nvidia P4000 P5000 P6000 AMD WX7100 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| Dell 7820 Dual (8-24 core 2.1 GHz or higher) Intel Scalable Processors 64 to 128 GB DDR4-2666 memory | Nvidia P4000 P5000 AMD WX7100 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| Dell 5820 6, 8 or 10 core 3.3 Ghz or higher Intel W-Processors 32 to 128 GB DDR4-2666 memory | Nvidia P600, P1000 P2000 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| Lenovo P920 Dual [8 -28 core 2.1 Ghz or higher] Intel Scalable Processors 64 to 192 GB DDR4-2666 memory | Nvidia P4000 P5000, P6000 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| HP Z240 3.0 Ghz or higher quad core i7/Xeon E3 8 to 64 GB DDR4-2400 memory Tower or SFF | Nvidia K1200 (SFF), P2000 (Tower) Intel P630 | Software Only |
| HP Z2 Mini 3.0 Ghz or higher quad core i7/Xeon E3 8 to 32 GB 2400Mhz DDR4 Memory, USB-C | Nvidia M620, HD530, HD630 | Software Only |

| Qualified PC Hardware | Graphics Card | Supported with |
|--|--|--|
| Dell 3620 3.0 Ghz or higher quad core i7/Xeon E3 8/16/32 GB DDR4-2400 memory Tower | Nvidia M2000, M4000 Intel P630 | Software Only |
| Dell 3420 3.0 Ghz or higher quad core i7/Xeon E3 8/16/32 GB DDR4-2400 memory SFF | Nvidia K620, K1200 Intel P630 | Software Only |
| Dell 5720 AIO 3.3 Ghz or higher quad core i7/Xeon E3 3840x2160 - 8 to 64 GB 2400Mhz DDR4 Memory, thunderbolt 3/USB-C | AMD WX4150 | Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| Lenovo P720 Dual [8 -28 core 2.1 Ghz or higher] Intel Scalable Processors 64 to 192 GB DDR4-2666 memory | NvidiaP2000, P4000 P5000 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| Lenovo P520/P520C 6, 8, 10 or 18core 2.3 Ghz or higher] Intel W-Processors 32 to 128 GB DDR4-2666 memory | Nvidia P1000, P2000 P4000 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxID Avid Artist DNxIP |
| Lenovo P320 3.0 Ghz or higher quad core i7/Xeon E3 8/16/32 GB DDR4-2400 memory Tower or SFF | Nvidia P600, P1000, P2000(Tower) Intel P630 | Software Only |
| Lenovo P320 Tiny 2.9 GHz quad core i7-7700T | Nvidia P600 | Software Only |
| HP Z840 Dual [8 - 16 core 2.1 Ghz or higher] Intel V4 32/64 GB DDR4 2400 memory | Nvidia P4000, P5000, P6000, M4000, M5000, M6000 AMD W7100, WX7100 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| HP Z640 Dual 10, 12, 16 core 2.1 Ghz or higher] Intel V4 32/64 GB DDR4-2400 memory | Nvidia P4000, P5000, P6000 M2000, M4000 M5000, M6000 AMDW5100, W7100, W8100 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |

| Qualified PC Hardware | Graphics Card | Supported with |
|--|--|--|
| Dell 7910 Dual [8 - 16 core 2.1 Ghz or higher] Intel V4 32/64 GB DDR4-2400 memory | Nvidia M4000, M5000, M6000 AMD W7100, W8100 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| Dell R7910 Dual [8 - 16 core 2.1 Ghz or higher] Intel V4 32/64 GB DDR4-2400 memory | Nvidia M4000, M5000, M6000 AMD W7100, W8100 | Mojo DX Avid Artist DNxIO Avid Artist DNxIQ |
| Dell 7810 Dual [8-16 core 2.1 Ghz or higher] Intel V4 32/64 GB DDR4-2400 memory | Nvidia M2000, M4000, M5000 AMD W5100W, W7100, W8100 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| Dell 5810 [6 or 8 core 3.0 Ghz or higher] Intel V4 16/32/64 GB DDR4- 2400 memory | Nvidia M2000 AMD W5100 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| Lenovo P910 Dual [8 - 16 core 2.1 Ghz or higher] Intel V4 32/64 GB DDR4-2400 memory | Nvidia M4000, M5000, M6000 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| Lenovo P710 Dual [8 - 16 core 2.1 Ghz or higher] Intel V4 32/64 GB DDR4-2400 memory | Nvidia M2000, M4000, M5000 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| HP Z440 [6 or 8 core 3.0 Ghz or higher] Intel V4 16/32/64 GB DDR4- 2400 memory | Nvidia P2000, M2000 AMD W5100 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |

| Qualified PC Hardware | Graphics Card | Supported with |
|---|--|--|
| Lenovo P510 6 or 8 core 3.0 Ghz or higher Intel V4 16/32/64 GB DDR4- 2400 memory | Nvidia M2000, K1200 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| HP Z840 Dual 8, 10 or 12 core Intel V3 2.3 Ghz or higher Onboard NIC supported for ISIS 32 or 64 GB DDR4- 2133 memory | Nvidia K4200, K5200, M4000, M5000, M6000 AMD W7100, W8100 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| HP Z640 Dual 8, 10 or 12 core Intel V3 2.3 Ghz or higher 32/64 GB DDR4-2133 Memory | Nvidia K2200, K4200, K5200, M4000, M5000 AMD, W5100, W7100, W8100 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| Dell R7910 Dual 8,10 or 12 Core Intel V3 2.3 Ghz or higher Onboard NIC supported for ISIS 32 or 64 GB DDR4- 2133 memory | Nvidia K4200, K5200, M4000, M5000, M6000 AMD W7100, W8100 | Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| Dell 7910 Dual 8, 10 or 12 core Intel V3 2.3 Ghz or higher - Onboard NIC supported for ISIS 32 or 64 GB DDR4- 2133 memory | Nvidia K4200, K5200, M4000, M5000, M6000 AMD W7100, W8100 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| Dell 7810 Dual 8, 10 or 12 core Intel V3 2.3 Ghz or higher - Onboard NIC supported for ISIS 32 or 64 GB DDR4- 2133 memory | Nvidia K2200, K4200, K5200, M4000, M5000 AMD W5100, W7100, W8100 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |

| Qualified PC Hardware | Graphics Card | Supported with |
|--|--|--|
| Lenovo P900 Dual 8, 10 or 12 core Intel V3 2.3 Ghz or higher - Onboard NIC supported for ISIS 32 or 64 GB DDR4- 2133 memory | Nvidia K4200, K5200, M4000, M5000, M6000 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| Lenovo P700 Dual 8, 10 or 12 core Intel V3 2.3 Ghz or higher - Onboard NIC supported for ISIS 32 or 64 GB DDR4- 2133 memory | Nvidia, K2200 K4200, K5200, M4000, M5000 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| HP Z240 Tower and SFF (Small Form Factor) Quad Xeon E3- 1245V5 3.5 Ghz Onboard NIC supported for ISIS 8/16/32 GB DDR4- 2133 Memory | Nvidia K620, K1200 K2200, HD530 | Software Only |
| Lenovo P310 Tower and SFF (Small Form Factor) Quad Xeon E3- 1245V5 3.5 Ghz Onboard NIC supported for ISIS 8/16/32 GB DDR4- 2133 Memory | Nvidia K620, K1200 K2200 HD530 | Software Only |
| Dell 3620 quad Xeon E3-1245V5 3.5 Ghz Onboard NIC supported for ISIS 8/16/32 GB DDR4- 2133 Memory | Nvidia K620, K2200 HD530 | Software Only |
| Dell 3420 SFF (Small Form Factor) Quad Xeon E3-1245V5 3.5 Ghz Onboard NIC supported for ISIS 8/16/32 GB DDR4- 2133 Memory | Nvidia K620, K1200 HD530 | Software Only |
| HP Z820 Dual 12 core E5-2695V2 2.4 Ghz, Dual 8 core E5-2650V2 2.6 Ghz, or Dual 6-core E5-2630V2 2.6 Ghz Onboard NIC supported for ISIS 16 or 32 GB DDR3- 1866 memory (only 32 GB RAM is supported with the Dual 12 core model) | Nvidia K4000 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| Dell T7610 Dual 12 core E5-2695V2 2.4 Ghz, Dual 8 core E5-2650V2 2.6 Ghz, or Dual 6- core E5-2630V2 2.6 Ghz Onboard NIC supported for ISIS 16 or 32 GB DDR3- 1866 memory (only 32 GB RAM is supported with the Dual 12 core model) | Nvidia K4000 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |

| Qualified PC Hardware | Graphics Card | Supported with |
|---|---------------------------|--|
| Dell R7610 Dual 12 core E5-2695V2 2.4 Ghz, Dual 8 core E5-2650V2 2.6 Ghz, or Dual 6- core E5-2630V2 2.6 Ghz Onboard NIC supported for ISIS 16 or 32 GB DDR3- 1866 memory (only 32 GB RAM is supported with the Dual 12 core | Nvidia K4000 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ |
| Dell T5610 Dual 12 core E5-2695V2 2.4 Ghz,Dual 8 core E5- 2650V22.6 Ghz, or Dual 6-core E5-2630V2 2.6 Ghz Onboard NIC supported for ISIS 16 or 32 GB DDR3- 1866 memory (only 32 GB RAM is supported with the Dual 12 core model) | Nvidia K4000 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| Lenovo D30 Dual 12 core E5-2695V2 2.4Ghz, Dual 8 core E5- 2650V2 2.6 Ghz , orDual 6-core E5- 2630V2 2.6 Ghz Onboard NIC supported for ISIS 16 or 32 GB DDR3- 1866 memory (only 32 GB RAM is supported with the Dual 12 core model) | Nvidia K4000 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| Lenovo C30 Dual 12 core E5-2695V2 2.4 Ghz, Dual 8 core E5- 2650V2 2.6 Ghz, or Dual 6-core E5-2630V2 2.6 Ghz Onboard NIC supported for ISIS 16 or 32 GB DDR3- 1866 memory (only 32 GB RAM is supported with the Dual 12 core model) | Nvidia K4000 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| HP Z440 6-core or 8 core Intel V3 3.0 Ghz or higher Onboard NIC supported for ISIS 16 or 32 GB DDR4- 2133 memory | Nvidia K2200 AMD W5100 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| Dell 5810 6-core or 8 core Intel V3 3.0 Ghz or higher Onboard NIC supported for ISIS 16 or 32 GB DDR4- 2133 memory | Nvidia K2200 AMD W5100 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |

| Qualified PC Hardware | Graphics Card | Supported with |
|--|------------------------------------|--|
| Lenovo P500 6-core or 8 core Intel V3 3.0 Ghz or higher Onboard NIC supported for ISIS 16 or 32 GB DDR4- 2133 memory | Nvidia K2200 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| HP Z420 6-core E5-1650 V2 3.5 Ghz Onboard NIC supported for ISIS 8 or 16 GB DDR3-1866 Memory | Nvidia K2000 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| Dell T3610 6-core E5-1650 V2 3.5 Ghz Onboard NIC supported for ISIS 8 or 16 GB DDR3-1866 Memory | Nvidia K2000 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| Lenovo S30 6-core E5- 1650 V2 3.5 Ghz Onboard NIC supported for ISIS 8 or 16 GB DDR3- 1866 Memory | Nvidia K2000 | Nitris DX Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| HP Z230 Tower and SFF (Small Form Factor) Quad-core E3-1245v3 3.4 Ghz CPU 8 or 16 GB DDR3-1600 memory | Intel HD P4600 Nvidia K600 | Software Only |
| Dell T1700 Tower Only (Small Form Factor not supported) Quadcore E3-1245v3 3.4 Ghz CPU 8 or 16 GB DDR3-1600 memory | Nvidia K600 | Software Only |
| Lenovo P300 Tower and SFF (Small Form Factor) Quad-Core E3- 1246v3 3.5 Ghz CPU 8 or 16 GB DDR3-1600 Memory | Intel HD 4600 Nvidia K600, K620 | Software Only |
| Lenovo E32 Tower and SFF (Small Form Factor) Quad-Core E3- 1245v3 3.4 Ghz CPU 8 or 16 GB DDR3-1600 Memory | Intel HD 4600 Nvidia K600 | Software Only |

| Qualified PC Hardware | Graphics Card | Supported with |
|--|--|---|
| HP Z1 G3 3.3 Ghz or higher quad core i7/Xeon E3 3840x2160 - 8 to 64 GB 2133Mhz DDR4 Memory, thunderbolt 3/USB-C | Nvidia M1000M, M2000M | Mojo DX Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP |
| HP Z1 G2 All-in-one E3- 1245V3 3.4 Ghz CPU 8 or 16 GB DDR3-1600 Memory | Intel HD 4600 Nvidia K2100M, K3100M, K4100M | Mojo DX |
| Lenovo ThinkCentre Edge 93Z i7-4770S quad core 3.1 Ghz 8 or 16 GB DDR3-1600 memory | Intel HD 4600 | Software Only |

Qualified PC Notebooks for Avid Media Composer

The following PC Notebooks are qualified with Avid Media Composer. The following applies to the editing system when running on a laptop:

- DNxHD capture is only supported on Mojo DX on a Quad core system with hyperthreading enabled. Nitris DX is not supported on laptops.
- Capture of 10 bit video for example, DNxHD 185x, is not supported on Mojo DX.
- Playback in full quality 10 bit mode is not supported

| Qualified PC Notebooks | Graphics Cards | Supported With |
|---|-----------------------|--|
| HP Zbook Studio G5 and Studio X360 G5 2.6 Ghz or higher six core i7/Xeon E3 Ultrabook 8 to 32 GB 2667Mhz DDR4 Memory Dream Color option HP Thunderbolt dock G2 | Nvidia P1000 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Dell 5530 15" 2.6Ghz or higher 6 core i7/Xeon E3 Thin and light 8 to 32 GB 2667Mhz DDR4 Memory USB 3.0 to Ethernet required for Avid NEXIS Connectivity | Nvidia P1000 P2000 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |

| Qualified PC Notebooks | Graphics Cards | Supported With |
|--|---|--|
| Lenovo P1 15" 2.6 Ghz or higher six core i7/Xeon E3 Thin and Light 8 to 64 GB 2667Mhz DDR4 Memory | Nvidia P1000 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| HP Zbook 17" G5 2.6 Ghz or higher six core i7/Xeon E3 | Nvidia P3200, P4200, P5200 AMD WX4170 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Dell 7730 17" 2.6Ghz or higher 6 core i7/Xeon E3 8 to 64 GB 2667Mhz DDR4 Memory | NvidiaP3200 P4200 P5200 AMD WX4170 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Lenovo P72 2.6 Ghz or higher six core i7/Xeon E3 8 to 64 GB 2667Mhz DDR4 Memory | Nvidia P3200, P4200, P5200 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| HP Zbook 15" G5 2.6 Ghz or higher six core i7/Xeon E3 8 to 64 GB 2667Mhz DDR4 Memory Dreamcolor option | Nvidia P1000, P2000 AMD WX4150 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| HP Zbook 15V G5 2.6 Ghz or higher six core i7/Xeon E3 HP Thunderbolt dock G2 | Nvidia P1000 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |

| Qualified PC Notebooks | Graphics Cards | Supported With |
|---|--|--|
| Dell 7530 15" 2.6Ghz or higher 6 core i7/Xeon E3 8 to 64 GB 2667Mhz DDR4 Memory | Nvidia P1000 P2000 AMD WX4150 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Dell 3530 15" 2.6Ghz or higher 6 core i7/Xeon E3 8 to 32 GB 2667Mhz DDR4 Memory | Nvidia P600 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Lenovo P52 2.6 Ghz or higher six core i7/Xeon E3 8 to 64 GB 2667Mhz DDR4 Memory | Nvidia P1000, P2000 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| HP Zbook 17" G4 2.8 Ghz or higher quad core i7/Xeon E3 HP Thunderbolt dock G2 | Nvidia P3000 P4000 P5000 AMD WX4170 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| HP Zbook 15" G4 2.8 Ghz or higher quad core i7/Xeon E3 HP Thunderbolt dock G2 | Nvidia M620 M1200 M2200 AMD WX4150 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| HP Zbook Studio Ultrabook G4 2.8 Ghz or higher quad core i7/Xeon E3 HP Thunderbolt dock G2 | Nvidia M1200 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |

| Qualified PC Notebooks | Graphics Cards | Supported With |
|---|---|--|
| Dell 7720 17" 2.6 Ghz or higher quad core i7/Xeon E3 1920x1080 or 3840x2160 - 8 to 64 GB 2400Mhz DDR4 Memory, thunderbolt 3 | Nvidia P3000, P4000, P5000 AMD Radeon WX4150, WX7100 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Dell 7520 15" 2.6 Ghz or higher quad core i7/Xeon E3 1920x1080 or 3840x2160 - 8 to 64 GB 2400Mhz DDR4 Memory, thunderbolt 3 | Nvidia M1200, M2200 AMD Radeon WX4130, WX4150 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Dell 5520 15" 2.8 Ghz or higher quad core i7/Xeon E3 1920x1080 or 3840x2160 - 8 to 32 GB 2400Mhz DDR4 Memory Thunderbolt 3 | Nvidia M1200 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Dell 3520 15" 2.8 Ghz or higher quad core i7/Xeon E3 1920x1080 - 8 to 32 GB 2400Mhz DDR4 Memory - Thunderbolt 3 | Nvidia M620 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Lenovo P51 2.6 Ghz or higher quad core i7/Xeon E3 8 to 64 GB 2400Mhz DDR4 Memory | Nvidia M1200, M2200 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Lenovo P71 2.6 Ghz or higher quad core i7/Xeon E3 8 to 64 GB 2400Mhz DDR4 Memory | Nvidia P3000, P4000, P5000 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |

| Qualified PC Notebooks | Graphics Cards | Supported With |
|--|---|--|
| HP Zbook Studio Ultrabook 2.6 Ghz or higher quad core i7/Xeon E3 8 to 32 GB 2133Mhz DDR4 | Nvidia M1000M | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| HP Zbook 15" G3 2.6 Ghz or higher Quad core i7/Xeon E3 1920x1080 or 3840x2160- 8 to 64 GB 2133Mhz DDR4 Memory, thunderbolt 3 | Nvidia M1000M, M2000M, M600M AMD, W5170M Intel HD 530, P530, P580 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| HP Zbook 17" G3 2.6Ghz or higher quad core i7/Xeon E3 | Nvidia M3000M, M4000M, M5000M AMD W6150M Intel HD 530, P530, P580 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Dell 7710 17" 2.7 Ghz quad core i7 or 2.9 Ghz Xeon E3 1920x1080 or 3840x2160 - 8/16/32 GB 2133Mhz DDR4L Memory | Nvidia M3000M, M4000M, M5000M AMD W7170M | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Dell 7510 15" 2.5 Ghz and higher quad core i7 1920x1080 or 3200x1800 - 8/16/32 GB 2133Mhz DDR4L Memory | Nvidia M1000M, M2000M AMD W5170M | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Dell 5510 15" 2.3 Ghz and higher quad core i7 1920x1080 or 3840x2160 - 8/16 GB 2133Mhz DDR4L Memory USB-C | Nvidia M1000M | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |

| Qualified PC Notebooks | Graphics Cards | Supported With |
|--|--------------------------------------|--|
| Dell 3510 15" 2.3 Ghz and higher quad core i7 1920x1080 - 8/16 GB 2133Mhz DDR4L Memory | AMD W5130M | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Lenovo P70 2.6 Ghz or higher quad core i7/Xeon E3 1920x1080 or 3840x2160 - 8 to 64 GB 2133Mhz DDR4, Memory, thunderbolt 3 | Nvidia M3000M, M4000M, M5000M | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Mojo DX |
| Lenovo P50 2.6 Ghz or higher quad core i7/Xeon E3 1920x1080 or 3840x2160 - 8 to 64 GB 2133Mhz DDR4 Memory, thunderbolt 3 | Nvidia M1000M, M2000M | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| HP Zbook 17" G2 - 2.5 Ghz and higher quad core i7 1920x1080 - 8/16/32 GB 1600Mhz DDR3 Memory thunderbolt | Nvidia K3100M K4100M, K2200M | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| HP Zbook 15" G2 - 2.5 Ghz and higher quad core i7 1920x1080 or 3200x1800 screen resolution 8/16/32 GB 1600Mhz DDR3L Memory Thunderbolt | Nvidia K1100M, K2100M | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Dell M6800 17" 2.5 Ghz and higher quad core i7 1920x1080 - 8/16/32 GB 1600Mhz DDR3 Memory | Nvidia K2200M, K3100M, K4100M K5100M | Software Only Mojo DX |
| Dell M4800 15" 2.5 Ghz and higher quad core i7 1920x1080 or 3200x1800 - 8/16/32 GB 1600Mhz DDR3 Memory | Nvidia K1100M, K2100M | Software Only Mojo DX |

| Qualified PC Notebooks | Graphics Cards | Supported With |
|--|-----------------------------------|--|
| Dell M3800 15" 2.3 Ghz and higher quad core i7 1920x1080 8/16/32 GB 1600Mhz DDR3 Memory | Nvidia K1100M | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| Lenovo W541 15" 2.5 Ghz and higher quad core i7 15" 1920x1080 2880x1620 - 8/16/32 GB 1600Mhz DDR3 Memory Thunderbolt | Nvidia K1100M, K2100M | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| HP Zbook 17" 2.4 Ghz and higher quad core i7 1920x1080 - 8/16 GB 1600Mhz DDR3 Memory thunderbolt | Nvidia K3100M, K4100M | Software Only Mojo DX |
| HP Zbook 15" 2.4 Ghz and higher quad core i7 1920x1080 - 8/16 GB 1600Mhz DDR3 Memory thunderbolt | Nvidia K1100M, K2100M | Software Only Mojo DX |
| HP Zbook 14" 2.1 Ghz dual core i7-4600U 1920x1080 - 8/16 GB 1600Mhz DDR3L Memory | Intel HD4400 ATI FirePro M4100 | Software Only |
| Dell M6800 17" 2.4 Ghz quad core i7 – Late 2014 1920x1080 screen resolution 8 or 16 GB 1600Mhz DDR3 Memory | Nvidia K3100M, K4100M | Software Only Mojo DX |
| Dell M4800 15" 2.4 Ghz quad core i7 – Late 2014 1920x1080 screen resolution 8 or 16 GB 1600Mhz DDR3 Memory | Nvidia K1100M, K2100M | Software Only Mojo DX |
| Dell M3800 15" - 2.2 Ghz quad core i7 - Late 2014 1920x1080 screen resolution 8 or 16 GB 1600Mhz DDR3 Memory | Nvidia K1100M | Software Only |
| Lenovo W540 15" 2.4 Ghz and higher quad core i7 15" 1920x1080 - 8/16 GB 1600Mhz DDR3 Memory Thunderbolt | Nvidia K1100M K2100M | Software Only Mojo DX |

Qualified Macintosh Workstations for Avid Media Composer

The following Macintosh Workstations are qualified with the Avid Media Composer.



Avid Artist DNxIV requires a Thunderbolt 2 or 3 card. See [details here](#).

| Qualified Macintosh Hardware | Graphics Cards | Supported With |
|---|--------------------------|--|
| Mac mini 3.2 Ghz 6- core Intel i7 8 to 64 GB 2666 Mhz DDR4 Memory Late 2018 | Intel UHD 630 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP |
| iMac Pro 5K 27" 3.2 Ghz i7 8 core 3.0 Ghz i7 10 core 2.5 Ghz i7 14 core 2.3 Ghz i7 18 core Late 2017 - 32 to 128GB 2666 Mhz DDR4 NOTE: 10Gb Ethernet requires Avid NEXIS Pro client v2018.3. | Radeon Pro Vega 56, 64 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| iMac Retina 5K 27" 4.2 Ghz i7 Quad core Mid 2017 - 8 to 64 GB 2400 Mhz DDR4 | Radeon Pro 570, 575, 580 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| iMac Retina 4K 21.5" 3.6 Ghz i7 Quad core Mid 2017 - 8 to 32 GB 2400Mhz DDR4 | Radeon Pro 555, 560 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| iMac Retina 5K 27" 4.0 Ghz i7 Quad core Late 2015 - 8/16/32 GB 1867Mhz DDR3 | Radeon M390, M395, M395X | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |

| Qualified Macintosh Hardware | Graphics Cards | Supported With |
|---|---|---|
| iMac Retina 4K 21.5" 3.3 Ghz i7 Quad core Late 2015 - 8/16/32 GB 1867Mhz DDR3 | Intel Iris Pro 6200 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP Mojo DX |
| iMac Retina 5K 27" 4.0 Ghz i7 Quad core Late 2014 - 8/16/32 GB 1600Mhz DDR3 | Radeon M290X, M295X | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxIP Mojo DX |
| iMac 27" 3.2, 3.4, GHz i5 or 3.5 i7 Quad-core (Late 2013 Thunderbolt) | NVIDIA GeForce GTX 775 | Software Only Mojo DX |
| iMac 21.5" 2.9, GHz i5 or 3.1 i7 Quad-core (Late 2013 Thunderbolt) | NVIDIA GeForce GTX 750 | Software Only Mojo DX |
| Mac Pro 6 core 3.5 Ghz, 8 core 3.0 Ghz, 12 core 2.7 (Late 2013) 16/32 GB 1866Mhz DDR3 Memory Thunderbolt - no PCI-e slots | Dual AMD FirePro D300, D500, D700 | Mojo DX Nitris DX (no HD capture) Artist DNxIO Artist DNxIQ Artist DNxIV Artist DNxID Avid Artist DNxIP |

Qualified Macintosh Notebooks for Media Composer

The following Macintosh notebooks are qualified with the current editing applications. The following applies to the editing system when running on a laptop.

- HD Capture on Macintosh notebooks is not supported
- Playback in full quality 10 bit mode is not supported

| Qualified Macintosh Notebook | Graphics Cards | Supported With |
|---|--|--|
| MacBook Pro 15" 2.2 Ghz and higher i7/i9 six core Mid 2018 - Touch Bar & Thunderbolt 3 | UHD630 AMD Radeon Pro 555X, 560X | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |

| Qualified Macintosh Notebook | Graphics Cards | Supported With |
|--|--|--|
| MacBook Pro 13" 2.7 Ghz quad core Intel core i7 Mid 2018 - Touch Bar & Thunderbolt 3 8 to 16 GB 2133Mhz LPDDR3 Memory Touch Bar not used by MC | Intel Iris Plus 655 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| MacBook Pro 15" 2.8 Ghz and higher i7 quad core Mid 2017 - Touch Bar & Thunderbolt 3 16 GB 2133Mhz LPDDR3 Memory Touch Bar not used by MC | HD630 AMD Radeon Pro 555, 560 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| MacBook Pro 15" 2.6 Ghz and higher i7 quad core Late 2016 - Touch Bar & Thunderbolt 3 16 GB 2133Mhz DDR4 Memory Touch Bar not used by MC | HD530 AMD Radeon 450,455, 460 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| MacBook Pro 15" 2.2 Ghz and higher i7 quad core Mid 2015 Retina & Thunderbolt 16 GB 1600Mhz DDR3L Memory | HD5000 AMD Radeon M370X | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |
| MacBook Pro 15" 2.3 Ghz and higher i7 quad core Retina Late 2013 and Mid 2014 8 or 16 GB 1600Mhz DDR3L Memory | Nvidia GeForce GT 750M & Intel HD5000 | Avid Artist DNxIO Avid Artist DNxIQ Avid Artist DNxIV Avid Artist DNxID Avid Artist DNxIP Mojo DX |

Feature Performance

A number of features in this editing application are processor-intensive. As a result, you might experience problems if you are working on an older system. The following chart shows the hardware that Avid has successfully qualified when using these features. For a list of the qualified systems, see [Qualified Workstations and Laptops](#).

| Feature | Description | Recommended System |
|---|--------------------------------------|---|
| 16K projects | 64GB RAM minimum | |
| Editing High Resolution, High Frame Rate XAVC-I Media (UHD/4k in 59.94p) 4 streams of media and color adapters | 64 GB RAM minimum, 96 GB recommended | Dell 7920 Dell 7820 <ul style="list-style-type: none"> Dual Xeon Gold 6154 3.0 Ghz, turbo up to 3.7 Ghz 18-core (72 cores with Hyperthreading) AMD WX-7100 Storage: 10Gb Ethernet Avid NEXIS |
| 1080p/50 XAVC Long Baseband Capture | 16 GB RAM minimum | Qualified PC Dual 6 Core or higher Qualified Mac Pro 6 core or higher, 12 core with Hyperthreading |
| Editing High Resolution, High Frame Rate DNxHR Media (UHD/4k in 59.94p) | 16 GB RAM minimum, 32 GB recommended | HP Z840/Z820 HP Z640/Z620 Dell 7920/7910/ T7610 Dell 7820/7810/T5610 Lenovo P910/P900/ Lenovo P710/P700 <ul style="list-style-type: none"> NVIDIA P5000, M5000 or K5200 and AMD WX-7100 PCIe Gen3 Gfx card (recommended) Mac Pro <ul style="list-style-type: none"> 12 core (24 with Hyperthreading) 3 GHz Dual AMD FirePro 500/700 Graphics card Storage: 10Gb Ethernet Avid NEXIS |
| Editing High Resolution Media (Higher than 2K+) | 16 GB RAM minimum | Qualified PC Dual 6 Core or higher Qualified Mac Pro 6 core or higher, 12 core with Hyperthreading |
| DMF and Background Transcode, Background Render | 32 GB RAM recommended | Qualified PC Dual 6 Core or higher Qualified Mac Pro 6 core or higher, 12 core with Hyperthreading |

| Feature | Description | Recommended System |
|---|---|--|
| Media Composer Cloud | 16GB RAM minimum. 24 GB or higher recommended depending upon system model. | i7 Quad core or higher with Hyperthreading |
| J2K Capture | | Qualified PC Dual 6 Core or higher Qualified Mac Pro 6 core or higher, 12 core with Hyperthreading |
| XDCAM Long GOP 9-way MultiCam with high stream count sequences | Avid recommends 16 GB RAM | Qualified PC Dual 6 Core or higher Qualified Mac Pro 6 core or higher, 12 core with Hyperthreading Storage: 10Gb Ethernet ISIS |
| Stereoscopic 3D | For optimal performance with Stereoscopic 3D, use these higher performance systems. Avid recommends a minimum of 12GB RAM when using Stereoscopic 3D. | Qualified PC Dual 6 Core or higher Qualified Mac Pro 6 core or higher, 12 core with Hyperthreading |
| XDCAM HD50 Capture | Baseband capture through Nitris DX, Mojo DX | Qualified systems |
| HD RGB 4444 Apple ProRes 4444 DNxHD 4444 | HD RGB capture requires a high end workstation with Nitris DX and fast storage. | Qualified PC Dual 6 Core or higher Qualified Mac Pro 6 core or higher, 12 core with Hyperthreading Storage: 10Gb Ethernet ISIS |
| AMA (RED) | AMA is a processor intensive operation. Older platforms may not offer optimum performance. you will get better performance with higher end workstations. | Qualified Xeon Workstations NOTE: RED plug-in uses the Graphics Processor. Better performance with high performance graphics cards. |
| AMA (QuickTime) | AMA is a processor intensive operation. Lower end platforms may not offer optimum performance. Highly compressed codecs such as H.264 will exhibit minimal real-time performance. | Recommendation of qualified systems depends on your planned use of this feature. Heavy usage of highly compressed codecs requires the high end systems. (Dual 6 Core or Dual 8 Core systems) |

| Feature | Description | Recommended System |
|--------------------|--|--|
| AVCI-Intra Capture | AVC-Intra capture with software codecs is supported. | 24 core and higher Windows systems only. Note: If problems are encountered, please use a Nitris DX w/AVC-I capabilities or ingest at another resolution like DNxHD and transcode to AVC I. |
| AVCI-Intra | AVC-Intra(AVC-I) is a high quality, low bit-rate HD codec and is very CPU intensive. | 4-Way MultiCam Playback Dual Quad Core, Dual 6 Core or Dual 8 Core Systems Four Stream Playback: Dual Quad Core, Dual 6 Core or Dual 8 Core Systems AMA Workflows: Dual Quad, Dual 6 or Dual 8 core systems |

Avid Artist I/O Device Compatibility

The following table shows the minimum version Media Composer supported with the Avid Artist I/O devices.

You must download the appropriate Avid Artist software from your [Avid Master Account](#).

| Device | Minimum supported version Media Composer |
|---------------------|---|
| Avid Artist DNxIO | Media Composer v8.4.1 and higher |
| Avid Artist DNxIQ | Media Composerv8.8.3 and higher |
| Avid Artist DNxIV | Media Composer v8.10 and higher |
| Avid Artist DNxIP | Media Composer v2018.8 |
| Avid Artist DNxID | Media Composer v2018.9 |

Compatibility Chart

The following table lists the NVIDIA® driver, QuickTime®, Windows Media™, shared storage, Sony® XDCAM™, Panasonic® P2, and Avid Artist Series versions that were qualified with the Avid editing applications.

IMPORTANT: For information on third party support (for example, Sorenson, Boris, etc) see the third party's web site.

| Item | Versions | Comments |
|-------------------------------|--|--|
| QuickTime Support | v7.7.9 (Windows) v10.x, (v7.x legacy) (Macintosh) | Note: QuickTime v10X does not include QuickTime Pro options. Note: QuickTime is not supported with Windows 10. |
| Windows Media Version Support | Windows Media Player 12 (for Windows 7) | If you do not have Windows Media Player, access the download at www.microsoft.com . Windows Media export compatibility is subject to Microsoft Windows Media updates. |
| Avid Interplay Support | See Knowledge Base article on compatibility. | IMPORTANT: The Avid Interplay components that get installed on the editing application must be updated to the Avid Interplay version that is released with the editing application. These include the Media Indexer, Interplay Access, Interplay Framework, Interplay Transfer Client and ProEncode Client. The Avid Interplay Server components can remain on the previous releases listed as supported. For details, see the “Avid Editing Application Compatibility with Interplay Releases” doc on the Knowledge Base. |
| NVIDIA Driver Support | v411.95 | See “ Setting up the NVIDIA Card ” on page 36 . For setting up the driver for stereoscopic, see the NVIDIA setup info in the Stereoscopic 3D Workflow Guide. |
| Shared Storage Support | Avid NEXIS and Avid ISIS®. | See “ Shared Storage Support ” on page 37 . |

| Item | Versions | Comments |
|-------------------------------|--|--|
| Sony XDCAM driver | v2.13 (XDCAM Transfer for Macintosh) Windows FAM v2.3.2 and VFAM v5.0.2 | The VFAM firmware version for PDW-U1 is 2.600. The PDW-U2 is 2.810. The driver can be downloaded from Sony's website http://esupport.sony.com/ . |
| Panasonic P2 drive | (Macintosh) v3.1.7 (Windows) v2.24 | There is currently no P2 writeback support for Macintosh clients. |
| Avid Artist Series (Euphonix) | EuControl software v3.4 | See the User's Guide for information on Artist Series Color setup information. |

Avid Editing Application Compatibility with Pro Tools

General Co-Installation Notes:

- Install Pro Tools first and then Media Composer.
- You must uninstall all older versions of Media Composer or Pro Tools before installing newer versions.
- Co-install does not support both applications launched simultaneously.
- When you uninstall Pro Tools, choose to uninstall just the application and not the audio drivers or the editing application no longer sees the devices. On a Macintosh Pro Tools 10 system, this is named the "Safe Uninstall." On a Macintosh Pro Tools 11 system no uninstallation is required. On a Windows Pro Tools 10 or 11 system, you must select the first uninstall option - "Pro Tools Only" - which is not selected by default.
- Mojo SDI will not be supported with Media Composer or Pro Tools 11, but can still be connected in a co-install configuration for use with Pro Tools 10.
- If you install and configure Avid Mojo DX or Nitris DX hardware on your system, the editing application does not use any connected Pro Tools audio device for audio input/output operations. You can also use these audio devices with a software-only version of your Avid editing application.

- If you run into any issues, uninstall both applications and reinstall Pro Tools first, and then reinstall your editing application.
- Media Composer v5.0 and later and Pro Tools v8.0.3 and later do not include support for the Original Mbox. If you want to use the Original Mbox, you should use Media Composer v4.x and Pro Tools v8.0.1 instead.
- If you want to install your Avid editing application on a system with the Pro Tools Avid Video Engine installed, you must use one of the following configurations:
 - Media Composer v5.5/NewsCutter v9.5 and later with Pro Tools v9.0 or later.
 - Media Composer v5.0.x/NewsCutter v9.0.x with Pro Tools v8.5 or earlier.

Co-installation Configurations and Audio Device Support

Avid Pro Tools Applications

| Pro Tools Product | MC/NC Software Only | MC/NC with Mojo DX | MC/NC/ with Nitris DX |
|----------------------------|-----------------------------|---------------------------|------------------------------|
| Pro Tools Software Only | Co-install | Co-install | Co-install |
| Pro Tools HD Native | Co-install/ Audio Device | Co-install | Co-install |
| Pro Tools HD | Co-install/ Audio Device | Co-install | Co-install |
| Pro Tools HD, with chassis | Not Tested | Not Tested | Not Tested |

Avid Mbox Family Audio Devices (3rd Generation)

| Audio Device (Interface) | MC/NC Software Only | MC/NC with Mojo DX | MC/NC/ with Nitris DX |
|---------------------------------|-----------------------------|---------------------------|------------------------------|
| Mbox (USB) | Co-install/ Audio Device | Co-install | Co-install |
| Mbox Pro | Co-install/ Audio Device | Co-install | Co-install |

| Audio Device (Interface) | MC/NC Software Only | MC/NC with Mojo DX | MC/NC/ with Nitris DX |
|---------------------------------|-----------------------------|---------------------------|------------------------------|
| Mbox Mini (USB) | Co-install/ Audio Device | Co-install | Co-install |

Avid Mbox 2 Family Audio Devices

| Audio Device (Interface) | MC/NC Software Only | MC/NC with Mojo DX | MC/NC/ with Nitris DX |
|---------------------------------|-----------------------------|---------------------------|------------------------------|
| Mbox 2 (USB) | Co-install/ Audio Device | Co-install | Co-install |
| Mbox 2 Pro (1394) | Co-install | Co-install | Co-install |
| Mbox 2 Mini (USB) | Co-install/ Audio Device | Co-install | Co-install |
| Mbox 2 Micro (USB) | Co-install | Co-install | Not tested |

Other Avid Audio Devices

| Audio Device (Interface) | MC/NC Software Only | MC/NC with Mojo DX | MC/NC/ with Nitris DX |
|---------------------------------|--|---------------------------|------------------------------|
| Digi 002 (1394) | Co-install/ Audio Device (Windows) | Co-install | Co-install |
| Digi 003 (1394) | Co-install | Co-install | Co-install |
| Eleven Rack (USB) | Not Supported | Not Supported | Not Supported |
| Fast Track Pro (USB) | Audio Device | Not Supported | Not Supported |

External Controllers

Your Avid editing application supports the following external fader controllers or mixers for automation gain and pan recording or as control surfaces:

- Digi 002 (Windows only)
- Command|8
- Avid Artist Control
- Avid Artist Mix
- Avid Artist Transport
- Avid Artist Color

External controllers or mixers are optional. They are not required for you to perform automation gain or pan recording on an Avid editing system.

The following table compares Avid external controllers and mixers.

| Feature | Digi 002 (MC only) | Command 8 | Avid Artist Control | Avid Artist Mix | Avid Artist Transport | Avid Artist Color |
|--|-------------------------------|-----------------------|------------------------------------|---------------------------------------|----------------------------------|------------------------------|
| Control surface for transport controls and other functions | Yes | Yes | Yes | Yes (transport only, no soft keys) | Yes | |
| Provides audio play, input, and output | Yes | No | No | No | No | |
| Record automation gain | Yes | Yes | Yes | Yes | No | |
| Record automation pan | Yes | Yes | Yes | Yes | No | |
| Flying faders | Yes (8) | Yes (8) | Yes (4) | Yes (8) | No | |
| Touch-sensitive faders | Yes | Yes | Yes | Yes | No | |
| Touch-sensitive panners | No | No | Yes | Yes | No | |

| Feature | Digi 002 (MC only) | Command 8 | Avid Artist Control | Avid Artist Mix | Avid Artist Transport | Avid Artist Color |
|--------------------------------------|--------------------|------------|---------------------|-----------------|-----------------------|-------------------|
| Solo/mute | Yes | Yes | Yes | Yes | No | |
| Supports audio mixing | No ^a | No | No | No | No | |
| Latch mode (also known as Snap mode) | Yes | Yes | Yes | Yes | No | |
| Number of steps of fader accuracy | 1024 | 1024 | 1024 | 1024 | Not applicable | |

- a. The Digi 002 can be used as a standalone audio mixer but not at the same time as it is being used as an automation gain or automation pan controller or control surface.

For more information on using these external fader controllers or mixers, see “Recording Automation Gain or Automation Pan Information” in the Help.

Setting up the NVIDIA Card

To set up the NVIDIA card, you must make sure you have the correct display driver version (install the display driver if necessary, and set the correct display settings. See the “[Compatibility Chart](#)” on page 31 for information on the supported driver(s).

Prior to setting up the NVIDIA card, check to make sure you have the correct display driver version. If you do not have the correct NVIDIA driver, you can install it from the Utilities folder that installs with your Avid application.

Installation files for these drivers are installed in the folder Program Files\Avid\Utilities\nVidia.

To check the NVIDIA display driver version:

1. Right-click the Desktop and select NVIDIA Control Panel. You can also open the Windows Control Panel and double-click the NVIDIA Control Panel icon.
2. Click System Information at the bottom left corner of the NVIDIA Control Panel.

The version number is listed in the Graphics card information section on the ForceWare version line.

To install the NVIDIA display driver:

1. Navigate to Program Files\Avid \Utilities \nVidia and double-click the folder that corresponds to your operating system.
2. Double-click the file for the applicable driver.
3. Follow the on-screen instructions, and then restart your system.

To setup multiple displays:

1. Right-click the Desktop, and select Nvidia Control Panel.
2. In the settings window in the left of the window, click Set up multiple displays.
3. Select or deselect the desired monitors listed.

To set the Driver for Avid Editing Environments

1. Right-click the Desktop, and select Nvidia Control Panel.
2. Click Manage 3D Settings.
3. Click the Global Setting tab.
4. Under Global presets, select Base Profile.
5. Scroll to locate the Power Management Mode. Select Prefer maximum performance.
6. Click Apply.

Reboot after installing the Nvidia software even if you are not prompted to do so. Never use the Windows “roll back driver” feature on the Nvidia driver. The driver version must match the rest of the components the Nvidia installer installs.

Shared Storage Support

For information on Shared Storage Support, see the Avid NEXIS and Avid ISIS tables in the following document:

http://resources.avid.com/SupportFiles/Attachments/MediaCentral_Compatibility_Matrix.pdf

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