

Important Note

SGI® DMediaPro™ DM10 Software Installation

This document explains the software installation information for the DMediaPro DM10 option card. This information is primarily provided for customers upgrading existing systems to use the DM10.

The software needed and this information is also reflected at the following website:

http://www.sgi.com/products/evaluation/6.5.21_dmediapro_dm10_1.1/

Note: You must be a registered Surf Zone member to access and download software from the website.

DMediaPro DM10 is a PCI-based IEEE-1394 (FireWire®) product for Silicon Graphics® Fuel™, and Silicon Graphics Tezro™ workstations and Onyx® 350 InfiniteReality™, Onyx 350 InfinitePerformance™ and Onyx4 UltimateVision™ systems. You should always rely on the website listed for the most up-to-date information regarding DMediaPro DM10 software.

System and Software Requirements

- The SGI DMediaPro DM10 board option is required. This software is only functional if you have an SGI DMediaPro DM10 option installed in your Silicon Graphics workstation or visualization system as listed in the previous section. The option is not supported in other Silicon Graphics workstations or systems. If you do not have this option installed, the DMediaPro DM10 software is not usable.
- IRIX® 6.5.21 or later is required. If your system is not currently running IRIX 6.5.21 or later, you must upgrade your system to at least IRIX 6.5.21 prior to installing DMediaPro DM10.
- DMediaPro DM10 (FireWire) audio and video subsystem software 1.1 requires 18 MB of hard disk space (6 MB temporarily and 12 MB permanently).
- Minimum memory configuration: A minimum of 256MB is required. However, 512MB is suggested.
- Root access to the machine is required in order to use Software Manager (*swmgr* or *inst*).

Note: Feedback and comments about DMediaPro DM10 are welcome at dmedia_info@sgi.com.

Installation for IRIX 6.5.21 (or Later)

To check installation requirements, perform the following steps:

1. Check the amount of disk space available on your system by choosing **Filesystem Manager** from the System Toolchest. Look in the Available (MB) column for the amount of space available on your hard drive. To install DMediaPro DM10, you will need up to 18 MB.
2. Open a UNIX® shell window from the Desktop toolchest. In the shell window, enter the commands in the following steps. The search mechanism is case sensitive.
3. Check which version of IRIX you are using, by entering *uname -R* at the prompt in a shell window. You should see the version number in the information returned to you.
4. find out if your system has a root password, type (or select and paste): *su*
If you are prompted for a password and you don't know what it is, contact your system administrator. If you are not prompted for a password, your machine does not have a root password and you may continue with the installation.
5. Confirm your system meets the following requirements:
 - Adequate disk space. If you don't have enough disk space, look at what is taking up space on your system (software applications and files). Determine if there is anything you don't need and can remove to give you enough space.
 - If you don't have IRIX 6.5.21 installed, install it from a CD if you have one, or contact your system administrator to arrange for installation.
 - If you don't know the root password for the machine, contact your system administrator before going any further.
 - Continue when your system meets these requirements.

Installing the DM10 Software

Use the following steps and information to install the DM10 software:

1. Click on the **Install** button, wait for the software download to complete and for the Software Manager to open. < http://access.sgi.com/SurfZone/tar-files/6.5.21_dmediapro_DM10_1.1.tardist>
Note: Depending on the speed of your network connection, the download may take anywhere from a few minutes up to an hour or more. You may cancel the installation of the 12 MB of data during the data transfer by clicking the Stop button on the browser toolbar.
2. Start the installation by clicking on the **Start** button.
3. When the installation has completed, exit the Software Manager.
4. To complete the installation of DMediaPro DM10 you will need to restart the system.

5. For more information, see the DMediaPro DM10 man pages and release notes by entering the following commands in a shell window:

```
man dm10  
man fwintro  
man mlintro  
grelnotes dm10 &
```

Note that the *Digital Media Software Development Kit Programmer's Guide* is available for viewing/reference via Infosearch or on the web at sgi.docs.com.

If you followed all the steps, your DM10 software installation is complete.

Feedback and comments about DMediaPro DM10 are welcome at dmedia_info@sgi.com.

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