
Release Notes for the Silicon Graphics® 230 Visual Workstation

Caution: Systems pre-installed with Windows NT Workstation 4.0 also include the latest Service Pack available at the time of shipment. Should you need to re-install Windows NT Workstation 4.0 on your system, please use the provided Windows NT Workstation NT 4.0 media. Although a Service Pack CD is included in your Windows NT Workstation 4.0 media kit shipping with your system, please DO NOT use this. Instead, please refer to the following URL <http://www.microsoft.com/downloads/>

Systems shipped with Red Hat Linux 6.2 and ProPack 1.3-VW preinstalled may contain patches to add support for newer revisions of hardware. For systems with VR3 graphics cards manufactured after September 2000, patch 10002 allows the Xserver to initialize properly on systems containing the VR3 graphics card.

This patch can be found at `/usr/PATCHES 10002` on your preinstalled system disk. SGI recommends that you backup `/usr/PATCHES` to a local server should you need to reinstall your system software.

The patch can also be downloaded from the SGI Supportfolio site at <http://support.sgi.com/linux/downloads/patch10002.html>. After downloading the patch, follow the instructions in the README file for information on properly reinstalling your system software.

1. With the Red Hat® Linux 6.1 operating system, you should use the add-on Creative Labs Ensoniq Audio PCI (CT 4810) as the sound device. To use the add-on Ensoniq card, you must disable the onboard AD 1881 sound device in the system BIOS. To do so, press Ctrl+Alt+Esc, select On Board Devices, select Page Down to reach the second page, and set On Board Audio to Disable.
2. The SGI™ NT Resource CD works only with Internet Explorer 3.0 or newer versions. It does not work with older versions.
3. The Windows NT Workstation 4.0 default installation from manufacturing will install the FAT file system. To convert from FAT to NTFS, type the following characters at the Windows NT MS-DOS prompt: `C:\>convert c: /FS:NTFS`.

Note: The system will convert to NTFS when re-booted.

4. By default, the UltraDMA function is disabled in the Windows NT Workstation 4.0 installation. To enable UltraDMA, load the SGI NT Resource CD and execute DMAcheck.exe.

Caution: Be careful when enabling this function. The system will not function correctly if the device settings are not correct. It is recommended that you enable UltraDMA for channel A because it is connected to an UltraDMA hard disk. You do not need to enable UltraDMA for channel B because the CD-ROM (connected to channel B) does not support UltraDMA.

5. Do not install a 10,000 RPM hard disk drive in the 3.5 in. bay above the floppy disk drive. You can install a 10,000 RPM drive in any other available drive bay.
6. If you want to configure your system with a SCSI hard disk as the primary boot device and IDE as the secondary, follow these steps: Boot the system, and press Ctrl+Alt+Esc. In the BIOS setup main menu, select "Boot Option," press the arrow key to see "Hard Disk C," and press Enter. Highlight "E-IDE," and then press the left and right arrow keys to change to "Other." This will make the SCSI device the primary boot device. Press the up and down arrow keys to see "Set" and press Enter. Press Esc twice to see the main menu, and press Esc again to quit and save the settings.
7. Systems that are pre-installed with Windows NT Workstation 4.0 have been installed with Service Pack 6a, although the Service Pack 4.0 CD has been included in your software kit. Updated Service Packs can be found at <http://www.microsoft.com/downloads/>.
8. You can use one of the top two 5.25 in. drive bays for a 3.5 in. hard drive if you use the set of metal brackets supplied to convert the bay.
9. SGI created the Windows NT system partition as a 2-gigabyte FAT formatted partition. This allows the end-user to create a multi-boot system with other operating systems and eases the emergency recovery of Windows NT in sites with many systems. Use your favorite disk utilities to create and manipulate your system disk to address your system usage needs.