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 Linux preinstalled may contain patches.
These patches can also be downloaded from the SGI Supportfolio site at `http://support.sgi.com/linux/downloads/`. After downloading the patch, follow the instructions in the README file for information on properly reinstalling your system software.

1. If your system will not boot-up after unpacking it for the first time, the problem may be an unseated graphics card. To properly seat the graphics card you should turn off the system and unplug the system from the power source before removing the side panel as described in the Owner's Manual. Once the side panel has been removed you should follow all electrostatic discharge (ESD) precautions as described in your Owner's Manual before gently pushing the AGP (Graphics) card to make sure that it is fully seated in the motherboard. Once you have seated the AGP card, replace the side panel as described in the Owner's Manual, plug in the system, and boot-up.

2. The Silicon Graphics 230 and Silicon Graphics 330 Visual Workstations include a new 280W PFC power supply in compliance with IEC 1000 3-2 (Harmonics Requirement), and IEC 1000 3-3 (Flicker Requirement).

3. Customers that purchase no-OS based 230, 330 and 550 Visual Workstations with either V7 or VR7 graphics cards will be unable to load with SuSe6.4. The graphics drivers currently do not support the installation of SuSE 6.4 and we are working on a software fix. When available, the software fix will be posted on `http://support.sgi.com/linux/downloads/`.

4. The Matrox G450 graphics board is currently supported only under Windows 2000 configurations. We are currently working to offer Windows NT drivers although today they are not available. In addition the Matrox G450 will not be supported under Linux or in conjunction with the SGI 1600SW Flat Panel.

5. 4.0 from Matrox does not work in full AGP mode. We will offer Windows NT 4.0 configurations once the problem is solved. Matrox does not currently support Linux and also the SGI Flat Panel.

6. The SGI™ NT Resource CD works only with Internet Explorer 3.0 or newer versions. It does not work with older versions.

7. 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.

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8. 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.

9. Systems that are pre-installed with Windows NT Workstation 4.0 have been installed with Service Pack 6a. Updated Service Packs can be found at `http://www.microsoft.com/downloads/`.

10. 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.

11. Follow this Networking Setup procedure when installing the Windows NT Operating System:

    Once the setup for Windows NT has begun, you will be prompted to setup Windows NT Networking. During setup, the software tries to locate the Ethernet adapter in the system. You must now install the SGI Networking Drivers for the Microsoft Windows NT Operating System. To do this:

    - Click on the `Select From List` button in the `Search for the Network Adapters` window. A list of network adapters displays.

    - Click on the `Have Disk` button.

- Insert the Intel 82559 Driver SGI diskette and click `OK`. `Intel PRO Adapter` is highlighted in the `Select OEM Option` dialog box.

- Click `OK`. `Intel PRO Adapter` appears in the Networking Setup adapter list.

- Click `Next` to continue with Windows NT setup.

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