sgi™

Silicon Graphics® Zx10
Release Notes

Contributors

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Release Notes

Please note the following information about running Windows 2000 or Windows NT 4.0 on Silicon Graphics Zx10 systems.

Windows 2000

Power Management

ACPI power settings that control what happens when you press the Power button may not be available. If they are not, the system simply powers off when you press the Power button. You can find these options by going to Start » Settings » Control Panel » Power Options » Advanced.

The Shutdown Utility described in the *Owner's Guide* is not delivered with Windows 2000.

Device Manager

If your Zx10 has a SAF-TE card installed on the RAID disk drive cage, Device Manager displays the card under Other Devices. Despite this designation, the SAF-TE card is working properly.

Matrox G450 Graphics and Dual Monitors

To configure dual monitors with Matrox G450 graphics:

1. Shut down and power off the system, and then connect the second monitor.

2. Restart the system and log on to Windows 2000.

3. If prompted to enable DualHead Multi-Display, click Yes. Otherwise, right-click the desktop and go to Properties » Settings » Advanced » DualHead.

4. Click DualHead Multi-Display.

5. Click Multi-Display Settings, select the orientation of your monitors, and then click OK.

6. Click OK to return to the Display Properties dialog.

7. Move the Screen area slider to adjust your display resolution and to select single-display or DualHead Multi-Display mode, and then click OK.

NOTE   In DualHead Multi-Display mode, each display uses the same resolution and color palette settings. The resolution of both displays is limited by the display with the lower maximum resolution.

NOTE   DualHead Multi-Display mode can be enabled even when only one monitor is connected to the system. Only half of the screen display will be visible.

Wildcat Graphics

If you reinstall Windows 2000 on a Zx10 with Intense3D Wildcat graphics, you must install the driver software for the Wildcat graphics controller <u>after</u> completing Windows 2000 Setup.

To install Wildcat graphics driver software in Windows 2000:

1. Log on to Windows 2000 using an account that has administrative privileges.

2. Insert the system's driver CD in the system's CD-ROM drive.

3. Right click My Computer and go to Manage » Device Manager » Other Devices » Video Controller » Driver » Update Driver.

4. When the Upgrade Device Driver Wizard displays, click Next.

5. Select Search for a suitable driver for my device (recommended), and then click Next.

6. Make sure the Disk 1 folder for the Wildcat driver on the system's driver CD is selected as the search location, and then click OK.

7. Under Driver Files Search Results, click Next to start the installation.

8. Change to the Disk 2 folder for the Wildcat driver when prompted, and then click OK to continue with the installation.

9. Once the driver successfully installs, click Close.

CAUTION   Windows 2000 recognizes the dual pipelines in a Wildcat 4110 or 4210 graphics controller as two devices. Repeat Steps 3 through 7 to complete the installation for the VGA-compatible video controller driver.

10. Restart the computer.

Windows NT 4.0

Matrox G450 Graphics and Dual Monitors

To configure dual monitors with Matrox G450 graphics:

1. Shut down and power off the system, and then connect the second monitor.

2. Restart the system and log on to Windows NT.

3. If prompted to enable DualHead Multi-Display, click Yes. Otherwise, go to Start » Programs » Matrox PowerDesk NT » Matrox Display Properties » DualHead.

4. Click DualHead Multi-Display, and then click OK.

5. When prompted, click Yes to restart the system.

6. After the system restarts, go to Start » Programs » Matrox PowerDesk NT » Matrox Display Properties » Settings.

7. Click Multi-Display Desktop (the button with two monitors).

8. Move the Desktop Area slider to adjust your multi-display desktop, and then click OK.

NOTE In DualHead Multi-Display mode, each display uses the same display resolution and color palette.

NOTE DualHead Multi-Display mode can be enabled even when only one monitor is connected to the system. Only half of the screen display will be visible.

External SCSI Disk Drive

When you connect an external SCSI disk drive to a Zx10, you may find that Windows NT tries to boot from the external disk drive instead of from the system disk. If this happens, you must change the boot order in the SCSI controller BIOS and then change the system disk drive letter.

To change the boot order in the SCSI controller BIOS:

1. Restart the system and, when prompted, press CTRL+C to run the SCSI Configuration Utility.

2. Go to Adapter Boot Order and change the boot order of the adapters. Change the adapter with boot order 0 to 1, and change the adapter with boot order 1 to 0.

3. Press ESC to save the change and exit from the SCSI Configuration Utility.

   The external disk drive will now be disk drive C and the internal system disk drive will have another disk drive letter.

To change the system disk drive letter:

1. Go to Start » Programs » Administrative Tools » Disk Administrator.

2. Click disk drive C (the external disk drive).

3. On the Tools menu, click Assign Drive Letter, and then assign a new disk drive letter to the external disk drive.

4. If prompted that the disk drive cannot be locked, click OK.

5. On the Partition menu, click Commit Changes Now.

6. Exit from Disk Administrator. If required, restart the system to make the change take effect.

7. Log on to Windows NT and repeat steps 1 through 6, selecting the internal system disk drive and assigning disk drive letter C to it. If another device is using disk drive letter C, you may have to repeat these steps again.

If you reinstall Windows NT on a Zx10 with an external disk drive, the external disk drive will be disk drive C and the internal primary system disk drive will have another disk drive letter. You must install Windows NT on the primary system disk drive, <u>not</u> on disk drive C (the external disk

drive). After you complete installation, you must change the system disk drive letter as described above. For more information on changing disk drive letters, see Disk Administrator Help.

Adaptec Easy CD Creator

Easy CD Creator will not install properly if other programs are running in the background. Before installing Easy CD Creator, go to Start » Settings » Control Panel » Devices and stop the Shutdown, MGAQDesk, and MGAHook devices if they are running.

If a dialog displays that says "Drive x: Cannot read data," where x is the drive letter for your system's CD-ROM drive, you need to reinstall Easy CD Creator. To do this, remove Easy CD Creator from the system, restart the system, and ensure the devices listed previously are not running. You can then reinstall Easy CD Creator.

Setup and Memory Greater Than 3 GB

Because of a Windows NT 4.0 Setup limitation, you may encounter problems trying to install Windows NT on a Zx10 with more than 3 GB of memory. If you reinstall Windows NT, you must set the BIOS to limit memory reporting to 2 GB before starting installation. After completing Setup, you can set the system's BIOS to report all memory for use by Windows NT.

NOTE   Installing Windows NT 4.0 Service Pack 4 or higher after completing Windows Setup removes the need to limit memory use during Windows NT Setup.

To set the BIOS to limit or not limit memory reporting:

1. Restart the system and run the BIOS Setup program.

2. In the Main menu, go to Memory Cache » Memory Reported to the OS and press ENTER.

3. Select All Memory to enable reporting of all installed memory, or select Only 2 GB to limit memory reporting to 2 GB, and press ENTER.

4. Save the change and exit from BIOS Setup.

   During the boot process, you will be notified if memory reporting is restricted to 2 GB. Press F1 to continue the boot process. See the *System Board Guide* for more information on running BIOS Setup.

NOTE   Windows NT can only access up to 4 GB of system memory.