# Silicon Graphics® Zx10™ Release Notes

This document provides release notes for all Silicon Graphics Zx10 systems. It discusses the following topics:

- "Changes to Setting Up the Software" on page 1
- "Changes to Reinstalling the Operating System" on page 2
- "Windows 2000" on page 2
- "Windows NT 4.0" on page 4

**Note:** Please read these release notes before setting up your Zx10 system.

## Changes to Setting Up the Software

Note the following changes to information in the owner's guide about setting up the operating system and associated system software for the first time:

- You do not need to install the SCSI controller driver from diskette.

- Allow Setup to auto-detect the network controller. You will be prompted for a diskette (delivered with the system) that contains the network controller driver.

- Operating system Setup files are not provided in a folder on the system's primary hard disk drive. Use the operating system CD during operating system Setup.

- Quick-Fix Engineering (QFE) software is not installed on or delivered with the system. Use the Service Pack CD for the latest operating system updates and fixes.

# Changes to Reinstalling the Operating System

Note the following changes to information in the owner's guide about reinstalling the operating system and associated system software:

- After reinstalling the operating system, reinstall the Hardware Monitor (both driver and interface), the SMART Disk Driver, and the DMI Console software from the system's Driver CD.

- On a system running Windows NT 4.0, after reinstalling the operating system, reinstall the Shutdown Utility software from the system's Driver CD.

- Installation of Intel's Streaming SIMD Extension Driver is not required.

- Quick-Fix Engineering (QFE) software is not installed on or delivered with the system. Use the Service Pack CD for the latest operating system updates and fixes.

# Windows 2000

The following notes apply to Zx10 systems running the Windows 2000 operating system.

## 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. To find these settings, select **Start** > **Settings** > **Control Panel** > **Power Options**.

Hibernate mode is not available on a system with VR7 graphics. Do not enable or use the Hibernate power management feature.

The Shutdown Utility described in the owner's guide is not used with Windows 2000.

## Matrox G450 Graphics

640 x 480 display resolutions do not work properly on a system with G450 graphics and an SGI 1600SW monitor. If you select a 640 x 480 resolution on this system, the display will not be viewable. If you must reinstall the G450 driver on this system, restart the system in VGA mode, and then select a supported resolution other than 640 x 480.

To configure dual monitors with Matrox G450 graphics, follow these steps:

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

2. Restart the system and log on to the operating system.

3. If prompted to enable DualHead Multi-Display, click **Yes**. Otherwise, right-click an open space on the desktop and select **Properties** > **Settings** > **Advanced** > **DualHead** > **DualHead Multi-Display**.

4. Click **Multi-Display Settings**, select the monitor orientation, and then click **OK**.

5. Click **OK** to return to the **Display Properties** dialog.

6. 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:** You can enable DualHead Multi-Display mode even when only one monitor is connected to the system. Only half of the screen display will be visible.

## Wildcat Graphics

If you reinstall the operating system on a system with Intense3D Wildcat graphics, you must install the driver software for the Wildcat graphics controller after completing operating system Setup. To do this, follow these steps:

1. Log on to the operating system 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 select **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**, and then click **Next**.

6. Make sure the **Disk 1** folder for the Wildcat driver on the 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 the installation.

9. Once the driver successfully installs, click **Close**.

10. The operating system recognizes the dual pipelines in a Wildcat 4110 or Wildcat 4210 graphics controller as two devices. Repeat steps 3 through 7 to complete the installation for the VGA-compatible video controller driver.

11. Restart the computer.

# Windows NT 4.0

The following notes apply to Zx10 systems running the Windows NT 4.0 operating system.

## Matrox G450 Graphics

640 x 480 display resolutions do not work properly on a system with G450 graphics and an SGI 1600SW monitor. If you select a 640 x 480 resolution on this system, the display will not be viewable. If you must reinstall the G450 driver on this system, restart the system in VGA mode, and then select a supported resolution other than 640 x 480.

To configure dual monitors with Matrox G450 graphics, follow these steps:

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, select **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, select **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 desktop, and then click **OK**.

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

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**Note:** You can enable DualHead Multi-Display mode even when only one monitor is connected to the system. Only half of the screen display will be visible.

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## External SCSI Disk Drive

When you connect an external SCSI disk drive to the system, 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, follow these steps:

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

2. Select **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 is now disk drive C and the internal system disk drive has another disk drive letter.

To change the system disk drive letter, follow these steps:

1. Select **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.

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.

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**Note:** If you reinstall Windows NT on a system 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, **not** 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.

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## Adaptec Easy CD Creator

Easy CD Creator will not install properly if other programs are running in the background. Before installing Easy CD Creator, Select **Start** > **Settings** > **Control Panel** > **Devices** and stop the Shutdown, MGAQDesk, and MGAHook devices. You can restart these devices after installing Easy CD Creator.

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.

If you encounter a problem in starting or running Easy CD Creator, try disabling DMA for the device to resolve the problem.

## 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 system 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:** Windows NT 4.0 can only access up to 4 GB of system memory.

**Note:** If you install Windows NT 4.0 Service Pack 4 or higher, you do not need to limit memory use during Windows NT Setup.

To set the BIOS to limit or not limit memory reporting, follow these steps:

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

2. In the **Main** menu, select **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 *Zx10 System Board Guide* for more information on running BIOS Setup.