



Dell™ Systems Information Update

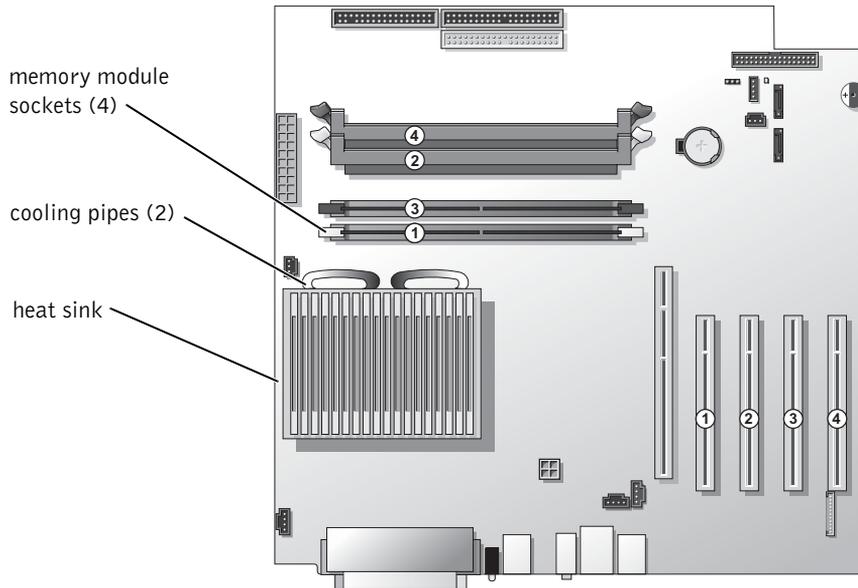
This document provides updated or additional information for your system and addresses the following topics:

- Microprocessor installation
- Using an IDE tape backup unit (TBU) with the Red Hat® Linux 9.0 operating system

Microprocessor Installation

The heat sink for the microprocessor in your system may incorporate two copper cooling pipes that promote heat dissipation (see Figure 1). When installing this type of heat sink, orient the heat sink so that the cooling pipes face the memory modules, as shown in Figure 1, to avoid damaging the components on the system board. For more information, see "Installing System Options" in the *Installation and Troubleshooting Guide*.

Figure 1. Microprocessor Heat-Sink Orientation



Using an IDE TBU With Red Hat Linux 9.0

To use an IDE tape drive on a system running Red Hat Linux 9.0, you must install the IDE-SCSI driver for the TBU:

- 1 Using a text editor, add the following five lines to the `/etc/rc.d/rc.local` file:

```
rmmod ide-tape

modprobe ide-scsi

hdparm -d0 /dev/hdx (where x is the drive letter assigned to the tape drive)

mt -f /dev/st0 stopoptions no-blklimits

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```

 **NOTE:** Using the `/dev/st0` option rewinds the tape after every tape backup, causing the previous set of data to be overwritten when the next backup occurs. If you want to archive the data, use `/dev/nst0` option and the `mt -f /dev/nst0 [option]` command to retain past archive files.

- 2 If your system uses the GRand Unified Boot (GRUB) loader, update the system configuration as follows:

- a Log in as root.
- b Open the `/boot/grub/grub.conf` file in a text editor.
- c Add `/dev/ht0=ide-scsi` to each line beginning with `kernel`, as in the following example:

```
kernel /vmlinuz-2.4.18-14 ro root=LABEL=/ /dev/ht0=ide-
scsi
```
- d Save the file.
- e Reboot the system to implement the change.

- 3** If your system uses the Linux LOader (LILO), update the system configuration as follows:
- a** Log in as root.
 - b** Open the `/etc/lilo.conf` file in a text editor.
 - c** Add the following text to the file:
`append="/dev/hd0=ide-scsi"`
 - d** Save the file.
 - e** Run `lilo` to implement the change.
 - f** Reboot the system.

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