

# Update to Your ALR 7200 and ALR 8200 User Documentation

This update supplements the following user documentation:

- ◆ 7200 and 8200 server maintaining and troubleshooting guides.
- ◆ 8200R server user guide.

The manuals that shipped with your server describe how to install an Intel® Pentium® II processor. Your server shipped with an upgraded processor and retention bracket, neither of which are covered in the current manuals.

This update describes how to install a Pentium II and Pentium III processor into the upgraded retention bracket.

Your 7200, 8200, and 8200R servers support the following processors:

- ◆ Intel Pentium II processor
- ◆ Intel Pentium III processors/FSB with the following speeds:
  - 450/100 MHz
  - 500/100 MHz

## *Replacing the processor*

If you are replacing or adding a processor, order a processor upgrade kit. The kit includes the Pentium processor, a heat sink, and a disposable electrostatic discharge (ESD) wrist strap.

To replace the processor:

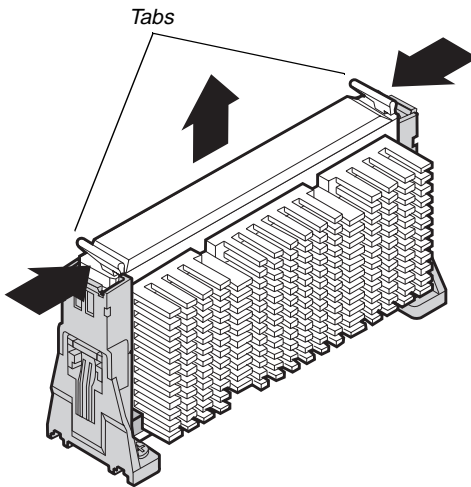
1. Turn off the system and unplug the power cord.
2. Open the case (see your maintaining and troubleshooting guide

for instructions). For the 8200R server, see your user's guide. Be sure to observe the static electricity precautions of these guides.

3. If you are installing a second processor, remove the Terminator Card from the retention bracket. Store it in a safe place.
4. Remove the processor:

**For the Pentium II processor:**

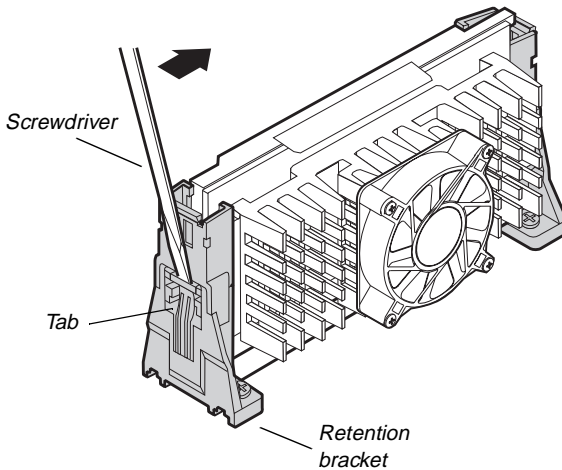
- A. Press in the two tabs at the top of the processor, and pull the processor up and out.



- B. Push the new processor into the slot until it snaps into place. Make sure the processor is aligned correctly with the retention bracket slots.
- C. Press out on the two tabs at the top of the processor to secure the processor in place.

**For the Pentium III processor:**

- A.** Using a flat-bladed screwdriver, place the head of the screwdriver between the tab and the retention bracket (see the following figure).




- B.** Pull the screwdriver toward the direction of the processor. Lift up slightly on one side of the processor.
- C.** Repeat the previous two steps for the other side of the processor.
- D.** Pull the processor up and out of the slot.
- E.** Push the new processor into the slot until it snaps into place. Make sure the processor is aligned correctly with the retention bracket slots.
- 5.** Close the case, as described in your maintaining and troubleshooting guide. For the 8200R server, see your user's guide.
- 6.** Reconnect the power cord and turn on the system.

## Information on Setting Your Processor Speeds

The Pentium II processor does not automatically set your processor speeds. You have to manually adjust the processor speed by setting the jumper (JP22) on your system board, as shown in your maintaining and troubleshooting guides. For the 8200R server, see your user's guide.

The Pentium III processor automatically sets your processor speed.

Some of the server guides do not include information for setting the Pentium II 450 MHz processor. The following table supplements those guides.

Pentium II	Bus Speed	CPU Speed Settings JP22
450 MHz	100	2 1 8 7 

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