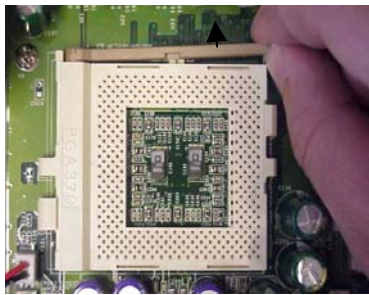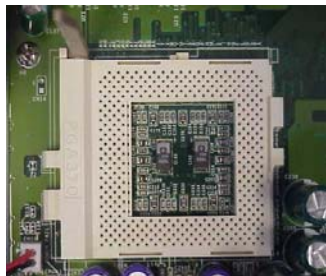**Installing CPU**

The server has two Socket 370 CPU sockets that can accommodate Intel Tualatin CPUs as noted in the server specification table. The server is designed to use dual CPU configuration. The installed CPUs should be:

- The same type
- The same speed

Before installing the CPU, check it for any visible damage. Make sure none of the pins are bent or missing. To install the CPUs, first turn off your system, remove its cover and follow the directions below that come with the CPUs. Always observe static electricity precautions when installing CPUs. The general procedure is:
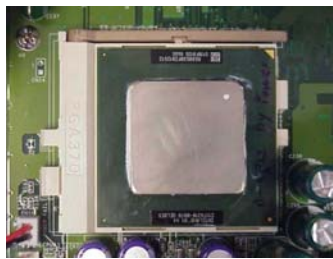


Pull the lever outward



Raise the retaining lever of CPU socket to a position perpendicular to the socket up.

Orient the CPU to the socket correctly so that the pins match the receptacles. Insert the CPU in the socket so that the pins fully insert.
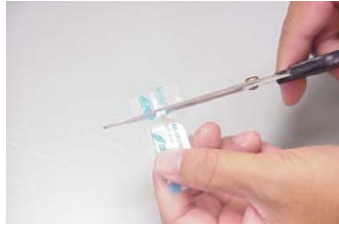


Lower the retaining lever so that the CPU locks in place and latch the arm to the side of the socket.

Repeat this operation for the second CPU. If you will only install one CPU, it is necessary to install an **optional** CPU terminator in another slave CPU socket. The procedure of installing CPU terminator is the same as CPU.

**Warning**: Without a fan or heat sink, a CPU will overheat and cause damage to both the CPU and the main board. It is not necessary to install CPU cooler fan for CPU terminator.
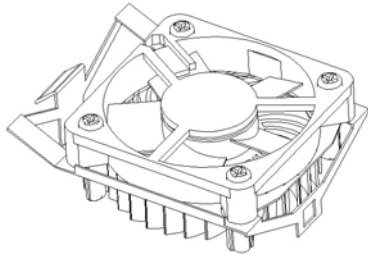
**Installing CPU Cooler Fan**

After a CPU has been installed, you will need to **install the proper cooling device** for the CPU. The server comes with two high efficiency heatsink/ CPU coolers that sit on the top of an installed CPU and clip onto the CPU socket. The general procedure is:
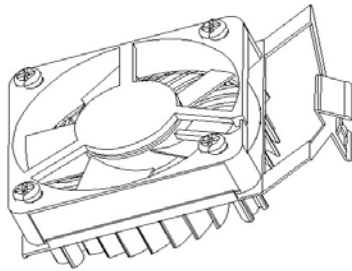


Take out the heat-spread glue.



Paint the heat-spread glue on the CPU die evenly.



Place the clip to hold the protrusion on the side of CPU socket.

Place the clip to hold the protrusion on another side of CPU socket. Press the spring clip over the protrusion so that it snaps in place. Plug the power connector of CPU cooler fan into power socket (CN17 for CPU0 socket, CN18 for CPU1 socket).



CPU Cooler Fan installed. Please repeat the same procedure to install another CPU and CPU cooler fan.

Please use **extra caution** when installing any type of clamp-style fan, or else damage may occur to the CPU socket, and/or the CPU itself

**Note**: In order to upgrade to support higher speed CPU, manufacture maybe changes to use new CPU cooler fan.