
O2™ and OCTANE™ R12000 CPU Upgrade Information

This flier provides information about installing an R12000 CPU and any necessary software in an O2 or OCTANE system. This upgrade is applicable only to systems with an R10000 CPU already installed.

Checking Your Shipment

Included in this shipment are the following items:

- 6.5.x¹ Overlay CD
- Wrist strap
- Reversible screwdriver
- R12000 CPU processor module
- Upgrade label

¹ "The Overlay version of IRIX 6.5 software that you received with this shipment. Overlay software is labeled "IRIX 6.5.x, "x" referring to the current numbered version of the software, for example 6.5.3. Base software is referred to as IRIX 6.5.

Installing the Software

Make sure you install the software before installing the hardware. You must have IRIX 6.5 base software installed to be able to install the Overlay IRIX 6.5.x software. For this upgrade, use the IRIX Overlay CD that shipped with this R12000 CPU hardware.

Note: IRIX 6.5 base software does not ship with the processor upgrade. Contact your local sales representative to order the base IRIX 6.5.

To check your workstation's IRIX® version, from the Toolchest > Desktop, open a Unix shell.

At the prompt, enter

```
uname -aR
```

To install the software, follow the instructions in the software installation booklet that came with your CDs.

Installing the Hardware

For instructions on installing the R12000 processor, see your owner's guide.

- For O2 owners, see the *O2 Workstation Owner's Guide*, Chapter 5, "Ordering, Removing, and Installing Replacement Parts". This information is also found in the online *O2 Workstation Hardware Reference Guide*.
- For OCTANE owners, see the *OCTANE Workstation Owner's Guide*, Chapter 2, "Installing and Removing the CPU and Memory".

Attaching the Upgrade Label

Attach the OCTANE upgrade label to the system label on the back of the workstation. Attach the O2 upgrade label near the system label on the bottom of the workstation.

Troubleshooting

If your workstation does not boot after installing the CPU, reread the CPU installation instructions. Check to make sure the new CPU is correctly seated. If you mistakenly installed the new R12000 CPU before installing the software follow these steps (refer to your owner's guide for instructions):

1. Remove the new CPU module.
2. Reinstall the old CPU module.
3. Install the software.
4. Remove the old CPU module.
5. Install the new CPU module.

If you need further help to troubleshoot the installation, see your owner's guide. If necessary, contact your local authorized service provider.

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