



Netra™ CP2160 CompactPCI Board Release Notes

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Netra CP2160 CompactPCI Board Release Notes

The *Netra CP2160 Board Release Notes* contains important and late-breaking information about the Netra™ CP2160 CompactPCI host/satellite board.

The most recent versions of Netra CP2160 board documentation are available at:

http://www.sun.com/products-n-solutions/hardware/docs/CPU_Boards

This document contains the following topics:

- “Known Issues” on page 2
- “RoHS Compliance” on page 2
- “Download System Firmware” on page 3
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Known Issues

The following known issues exist in this release of the Netra CP2140 board:

- When writing to user flash, the Netra CP2140 board panics. User flash does not work on the Netra CP2140 board, and there is no workaround (bug ID 6389062).
- When used as a system controller and while used along with the Sun Dual FastEthernet/SCSI 6U CompactPCI Adapter with PMC, the Netra CP2160 board displays the following warning message:

```
WARNING: invalid vector intr: number 0x7c3
```

You can safely disregard this message.

RoHS Compliance

As of this release, this equipment complies with the Restriction of Hazardous Substances (RoHS) directive 2002/95/EC.

Beginning July 1, 2006, Directive 2002/95/EC, of the European Union (EU), restricts the use of certain hazardous substances in electrical and electronic equipment. Those substances are Lead, Mercury, Cadmium, Hexavalent Chromium, PBBs (polybrominated biphenyls) and PBDEs (polybrominated diphenyl ethers). Netra CP2160 boards are now compliant with the EU RoHS mandate.

For additional information, please contact your Sales Representative or, if appropriate, your OEM.

Download System Firmware

The following versions are for the current release of the Netra CP2160 CPU board.

TABLE 1 CPU Board Firmware Versions

Firmware	Satellite CPU (Netra CP2160) Version
Firmware (OpenBoot™ PROM)	1.0.21
SMCFW Flash Code	4.1.3

To display the current firmware version, use the `.version` command at the OpenBoot PROM prompt.

If you do not have the correct versions of the firmware, go to the SunSolve™ Web site, <http://www.sun.com/sunsolve>, and download the following firmware patch: 116346.

Refer to the `Readme` file in the patch for any special installation instructions, and to the *Netra CP2160 Technical Reference and Installation Manual (816-5772-xx)* for instructions on upgrading the firmware.

Download Patches

Point patches related to the Netra CP2160 board are available for download. To download the latest software patches, go to the SunSolve Web site and search for CP2160 in the Search SunSolve window:

<http://www.sun.com/sunsolve>

The point patches for the Netra CP2160 boards that run the Solaris™ 8 Operating Environment are listed in [TABLE 2](#). Install these patches *exactly* in the order they are presented in [TABLE 2](#).

Note – These patches are not needed if you are using a Netra CP2160 board running the Solaris 9 Operating Environment in a Netra CT 810 or 410 server.

TABLE 2 Installation Order of Point Patches for Netra CP2160 Board With the Solaris 8 Operating Environment

Patch ID	Description of Patch	Web Site Location of Patch for Download	How to Search for Patch in the Search Window	Description of User Who Needs the Patch
112877	SunOS 5.8: db21554 driver point patch	http://www.sun.com/sunsolve/point	Type the patch ID in the Point Patch Search window	Netra CP2160 board user
113617	ERI driver point patch	http://www.sun.com/sunsolve/point	Type the patch ID in the Point Patch Search window	Netra CP2160 board user
113836	Symbolic link point patch	http://www.sun.com/sunsolve/point	Type the patch ID in the Point Patch Search window	Netra CP2160 board user who installs <i>Netra CP2100 Supplemental 4.0 CD</i>
116087	FRU ID/PICL plug-ins/prtdiag point patch	http://www.sun.com/sunsolve/point	Type the patch ID in the Point Patch Search window	Netra CP2160 board user who installs <i>Netra CP2100 Supplemental 4.0 CD</i>
116086	FRU ID/PICL plug-ins/prtdiag point patch	http://www.sun.com/sunsolve/point	Type the patch ID in the Point Patch Search window	Netra CP2160 board user who installs <i>Netra CP2100 Supplemental 4.0 CD</i>