



Netra™ CP2300 cPSB Board Release Notes

Sun Microsystems, Inc.
4150 Network Circle
Santa Clara, CA 95054 U.S.A.
650-960-1300

Part No. 817-1741-10
May 2003, Revision A

Submit comments about this document at: <http://www.sun.com/hwdocs/feedback>

Copyright 2003 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054, U.S.A. All rights reserved.

Sun Microsystems, Inc. has intellectual property rights relating to technology that is described in this document. In particular, and without limitation, these intellectual property rights may include one or more of the U.S. patents listed at <http://www.sun.com/patents> and one or more additional patents or pending patent applications in the U.S. and in other countries.

This document and the product to which it pertains are distributed under licenses restricting their use, copying, distribution, and decompilation. No part of the product or of this document may be reproduced in any form by any means without prior written authorization of Sun and its licensors, if any.

Third-party software, including font technology, is copyrighted and licensed from Sun suppliers.

Parts of the product may be derived from Berkeley BSD systems, licensed from the University of California. UNIX is a registered trademark in the U.S. and in other countries, exclusively licensed through X/Open Company, Ltd.

Sun, Sun Microsystems, the Sun logo, AnswerBook2, docs.sun.com, Netra, and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and in other countries.

All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. in the U.S. and in other countries. Products bearing SPARC trademarks are based upon an architecture developed by Sun Microsystems, Inc.

The OPEN LOOK and Sun™ Graphical User Interface was developed by Sun Microsystems, Inc. for its users and licensees. Sun acknowledges the pioneering efforts of Xerox in researching and developing the concept of visual or graphical user interfaces for the computer industry. Sun holds a non-exclusive license from Xerox to the Xerox Graphical User Interface, which license also covers Sun's licensees who implement OPEN LOOK GUIs and otherwise comply with Sun's written license agreements.

U.S. Government Rights—Commercial use. Government users are subject to the Sun Microsystems, Inc. standard license agreement and applicable provisions of the FAR and its supplements.

DOCUMENTATION IS PROVIDED "AS IS" AND ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT SUCH DISCLAIMERS ARE HELD TO BE LEGALLY INVALID.

Copyright 2003 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054, Etats-Unis. Tous droits réservés.

Sun Microsystems, Inc. a les droits de propriété intellectuelle relatant à la technologie qui est décrit dans ce document. En particulier, et sans la limitation, ces droits de propriété intellectuelle peuvent inclure un ou plus des brevets américains énumérés à <http://www.sun.com/patents> et un ou les brevets plus supplémentaires ou les applications de brevet en attente dans les Etats-Unis et dans les autres pays.

Ce produit ou document est protégé par un copyright et distribué avec des licences qui en restreignent l'utilisation, la copie, la distribution, et la décompilation. Aucune partie de ce produit ou document ne peut être reproduite sous aucune forme, par quelque moyen que ce soit, sans l'autorisation préalable et écrite de Sun et de ses bailleurs de licence, s'il y en a.

Le logiciel détenu par des tiers, et qui comprend la technologie relative aux polices de caractères, est protégé par un copyright et licencié par des fournisseurs de Sun.

Des parties de ce produit pourront être dérivées des systèmes Berkeley BSD licenciés par l'Université de Californie. UNIX est une marque déposée aux Etats-Unis et dans d'autres pays et licenciée exclusivement par X/Open Company, Ltd.

Sun, Sun Microsystems, le logo Sun, AnswerBook2, docs.sun.com, Netra, et Solaris sont des marques de fabrique ou des marques déposées de Sun Microsystems, Inc. aux Etats-Unis et dans d'autres pays.

Toutes les marques SPARC sont utilisées sous licence et sont des marques de fabrique ou des marques déposées de SPARC International, Inc. aux Etats-Unis et dans d'autres pays. Les produits portant les marques SPARC sont basés sur une architecture développée par Sun Microsystems, Inc.

L'interface d'utilisation graphique OPEN LOOK et Sun™ a été développée par Sun Microsystems, Inc. pour ses utilisateurs et licenciés. Sun reconnaît les efforts de pionniers de Xerox pour la recherche et le développement du concept des interfaces d'utilisation visuelle ou graphique pour l'industrie de l'informatique. Sun détient une licence non exclusive de Xerox sur l'interface d'utilisation graphique Xerox, cette licence couvrant également les licenciés de Sun qui mettent en place l'interface d'utilisation graphique OPEN LOOK et qui en outre se conforment aux licences écrites de Sun.

LA DOCUMENTATION EST FOURNIE "EN L'ÉTAT" ET TOUTES AUTRES CONDITIONS, DECLARATIONS ET GARANTIES EXPRESSES OU TACITES SONT FORMELLEMENT EXCLUES, DANS LA MESURE AUTORISEE PAR LA LOI APPLICABLE, Y COMPRIS NOTAMMENT TOUTE GARANTIE IMPLICITE RELATIVE A LA QUALITE MARCHANDE, A L'APTITUDE A UNE UTILISATION PARTICULIERE OU A L'ABSENCE DE CONTREFAÇON.



Contents

Known Issues 1

Patches to Download and Install 2

Netra CP2300 cPSB Board Release Notes

The *Netra CP2300 cPSB Board Release Notes* contain important and late-breaking information about the Netra™ CP2300 cPSB board, including:

- “Known Issues” on page 1
- “Patches to Download and Install” on page 2

The most recent versions of the Netra CP2300 cPSB board documentation are available at:

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

Known Issues

TABLE 1 shows the known issues with the current release of the Netra CP2300 cPSB board.

TABLE 1 Known Issues

Bug ID	Problem	Workaround
4770104	During booting, the warning message Duplicate instance 0 of node “wd” ignored displays	You can safely ignore this message.
4835629	When you execute or test the LED programs with the green LED set to “off”, the green LED incorrectly blinks quickly	None.

TABLE 1 Known Issues (Continued)

Bug ID	Problem	Workaround
4843395	Configuring an IDE hard disk as a slave to a DVD drive master does not work	This is not a supported configuration. The following configurations are supported in the Solaris™ operating environment: <ul style="list-style-type: none"> • disk=master, with disk=slave • disk=master, with DVD=slave • DVD=master, with DVD=slave
4845258	If a system panics or hangs while a user flash access is occurring (for example, a read, a write, or an IOCTL-related activity), the user flash driver will not be able to return control to the OpenBoot™ PROM/system flash	Power cycle the system.
4846516	If you use the <code>date</code> command on the board and set the year prior to 2000, the kernel clock time is disrupted and you could lose certain time-dependent processes	Do not set the year prior to 2000 with the <code>date</code> command. If you have to recover from a situation where the year was set prior to 2000, use the <code>date</code> command to set the date to the current date.
4847533	Watchdog timer doesn't expire	Install the system firmware regular patch to flash the SMC firmware.
4851123	In the Solaris 8 operating environment, booting the board over the network using the secondary interface causes a panic	Use the board's primary interface to boot the board over the network.

Patches to Download and Install

This section describes the regular and point patches for the Netra CP2300 board that you must download from the SunSolve website and install. The patches to download depend on how you install the software for the board. TABLE 2 lists the patches for a network installation; TABLE 3 lists the patches for an IDE disk drive installation.

Regular patches are available on the main SunSolve website, <http://www.sun.com/sunsolve>. If you specify the base Patch ID number (the first six digits) in the Search SunSolve window, you see the most recent version of the patch.

Point patches are available on the point patch SunSolve website, <http://www.sun.com/sunsolve/point>. You must specify the complete Patch ID number, including the version, in the Point Patch Search window to see the patch. Always install point patches last, after the regular patches.

Install these patches in the order given in the tables.

TABLE 2 Regular and Point Patches for a Network Installation

Patch ID	Patch Description	Patch Location
115193	System firmware regular patch	http://www.sun.com/sunsolve
112396	/usr/bin/fgrep regular patch	http://www.sun.com/sunsolve
108987	patchadd and patchrm regular patch	http://www.sun.com/sunsolve
111111	/usr/bin/nawk regular patch	http://www.sun.com/sunsolve
111310	libdhcagent regular patch	http://www.sun.com/sunsolve
111293	libdevinfo regular patch	http://www.sun.com/sunsolve
108528	kernel update regular patch	http://www.sun.com/sunsolve
108974	dada, uata, dad, sd, and scsi drivers regular patch	http://www.sun.com/sunsolve
110460	fruid/PICL plug-in regular patch	http://www.sun.com/sunsolve
109888	platform drivers regular patch	http://www.sun.com/sunsolve
114893-05	CP2300 driver support point patch	http://www.sun.com/sunsolve/point

TABLE 3 Regular and Point Patches for an IDE Disk Drive Installation

Patch ID	Patch Description	Patch Location
114893-05	CP2300 driver support point patch	http://www.sun.com/sunsolve/point

