



Installing Optional Hardware for the Preinstalled SunPCi™ III Product

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 embodied in the product 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, SunPCi, 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.



Installing Optional Hardware for the Preinstalled SunPCi III Product

This document contains information about installing the optional components that are available with SunPCi™ III hardware.

If SunPCi III hardware was preinstalled on your Sun system, only the SunPCi III main card was installed. You can run SunPCi without adding these optional components; however, these components give you choices for additional USB, firewire, parallel, and serial port connections.

The two optional SunPCi components that were shipped with your system that were not installed are the Serial/Parallel Port Backplate and the USB/Firewire Backplate (also called the daughter card). This document details how to install both components.

What Is in This Package?

This package contains the following:

- The most recent SunPCi III CD assembly, including the most updated software and documentation
- The SunPCi III USB/Firewire Backplate hardware
- The SunPCi III Serial/Parallel Port Backplate hardware

Access to Latest SunPCi III News

Updated and last-minute information about the SunPCi III product, including software updates, can be found at the following URL:

<http://www.sun.com/desktop/products/sunpci>

Installation of the Serial/Parallel Port Backplate

To install the Serial/Parallel Port Backplate on your Sun system with a preinstalled SunPCi III card, you must do the following:

- Shut down and power off your system.
- Physically remove the preinstalled SunPCi III card from your system.
- Remove the Serial/Parallel Port Backplate from the package included with this document.
- Refer to the *SunPCi III Quick Start Installation Guide* for installation directions for the Serial/Parallel Port Backplate.

The Serial/Parallel Port Backplate looks similar to the following figure.

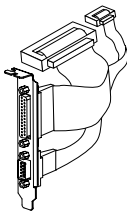


FIGURE 1 Serial/Parallel Port Backplate

Installation of the USB/Firewire Backplate

To install the USB/Firewire Backplate on your Sun system with a preinstalled SunPCi III card, you must do the following:

- Shut down and power off your system.
- Physically remove the preinstalled SunPCi III card from your system.
- Remove the USB/Firewire Backplate from the package included with this document.
- Refer to the *SunPCi III Quick Start Installation Guide* for installation directions for the USB/Firewire Backplate.

The USB/Firewire Backplate looks similar to the following figure.

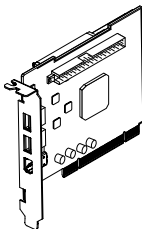


FIGURE 2 USB/Firewire Backplate

Installing Both Components

You can install both the Serial/Parallel Port and the USB/Firewire Backplates. To install both components, follow the instructions in each section: “Installation of the Serial/Parallel Port Backplate” on page 3 and “Installation of the USB/Firewire Backplate” on page 4.

If you choose to install both components, you need three available PCI slots in your system. Each component requires a PCI slot, as well as a slot required by the SunPCi main card.

Troubleshooting Issues

You might encounter some issues when running SunPCi software after removing the SunPCi main card, adding optional components, and then reinstalling the SunPCi main card.

You will have to run the `sunpcload` command in the following situations:

- You may be asked to run the `sunpcload` command when initially using SunPCi III software.
- If you move the SunPCi III main card into another PCI slot, you must run the `sunpcload` command.
- If SunPCi III software does not run after you install the additional components, you must run the `sunpcload` command.

To run the `sunpcload` command, complete the following procedure:

1. Become superuser.

2. Type the following command:

```
# /opt/SUNWspci3/drivers/solaris/sunpcload
```

3. Exit the superuser account.

4. Start the SunPCi III software normally.

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 intellectuels relatants à la technologie qui est décrit dans ce document. En particulier, et sans la limitation, ces droits de propriété intellectuels 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, SunPCi, 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 licenciées 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.



Sun Microsystems, Inc.
4150 Network Circle
Santa Clara, CA 95054 USA
www.sun.com

Part No. 817-3276-10, Rev. A
June 2003