



Installing Optional Hardware for the Preinstalled SunPCi™ III Product

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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.

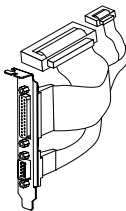


FIGURE 1 Serial/Parallel Port Backplate

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.

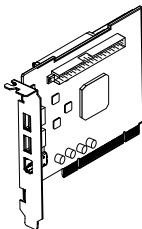


FIGURE 2 USB/Firewire Backplate

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.**

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