



SunPCi™ III 3.0.1 Product Notes

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SunPCi III 3.0.1 Product Notes

These Product Notes contain the latest information and the known issues for the SunPCi™ III 3.0.1 release. This document describes the following topics:

- “Access to Late-Breaking News” on page 1
- “What Is in This Package?” on page 1
- “Viewing the Documentation PDF Files” on page 2
- “New Features in SunPCi III 3.0.1” on page 3
- “SunPCi III 3.0.1 Supported Systems” on page 3
- “Solaris Patch Information” on page 5
- “Known Issues With This Release” on page 6
- “Documentation Updates” on page 9

Access to Late-Breaking News

Updated and last-minute information for the SunPCi III 3.0.1 release can be found at:

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

What Is in This Package?

The SunPCi III 3.0.1 CD contains the following:

- SunPCi III 3.0.1 software package
- Virtual Networking Computing (VNC) Source Code
- VNC Package

- *SunPCi III Quick Start Installation Guide* in Adobe Acrobat Portable Document Format (PDF)
- *SunPCi III 3.0 User's Guide* in PDF format
- *SunPCi III 3.0.1 Product Notes* (this document) in PDF format

Viewing the Documentation PDF Files

English and localized versions of the documentation are in the `DOCS` directory on the SunPCi III 3.0.1 CD in PDF (Adobe Acrobat) format. The CD includes the following documentation:

- *SunPCi III 3.0 User's Guide* – Describes how to configure the SunPCi III software to use one or more SunPCi III cards, how to install the Microsoft Windows software on a SunPCi card, and how to troubleshoot SunPCi issues.
- *SunPCi III Quick Start Installation Guide* – Describes how to install one or more SunPCi III cards and SunPCi III software.
- *SunPCi III 3.0.1 Product Notes (English Only)* – Describes late-breaking issues related to the SunPCi III product.

The following table is an index of the directories containing the translated documentation in the `DOCS` directory on the SunPCi 3.0.1 CD.

TABLE 1 Directories of Localized Documentation

Directory Name	Language	Directory Name	Language
c	English	ja	Japanese
de	German	ko	Korean
es	Spanish	sv	Swedish
fr	French	zh	Simplified Chinese
it	Italian	zh_TW_Big5	Traditional Chinese

To view the documentation PDF files, follow these steps:

- 1. Insert the SunPCi III 3.0.1 CD into the system CD-ROM drive.**
A CDE File Manager window opens.
- 2. In the File Manager window, double-click the `DOCS` subdirectory where the PDF files for your locale are stored on your SunPCi III 3.0.1 CD.**

3. Double-click the Adobe Acrobat PDF file you want to open.

After a few seconds, the Adobe Acrobat splash screen opens, followed by the Adobe Acrobat program displaying the file you double-clicked.

Note – If needed, you can download Adobe Acrobat Reader for free from the Adobe Web site: <http://www.adobe.com/products/acrobat/alternate.html>

New Features in SunPCi III 3.0.1

SunPCi III 3.0.1 contains the following new features:

- Translated documentation
- Bug fixes

SunPCi III 3.0.1 Supported Systems

The following sections list the Microsoft Windows operating systems, the Solaris™ operating environments, and the UltraSPARC™ systems that SunPCi III 3.0.1 supports.

Microsoft Windows Operating Systems

The SunPCi III 3.0.1 product supports the following Microsoft Windows operating systems and Service Packs:

- Microsoft Windows XP Professional (Windows XP Professional) Service Pack 1a
- Microsoft Windows 2000 Professional (Windows 2000 Professional) Service Pack 3
- Microsoft Windows 2000 Server Edition (Windows 2000 Server) Service Pack 3
- Microsoft Windows NT 4.0 Workstation (Windows NT4 WS) Service Pack 6a
- Microsoft Windows NT 4.0 Server (Windows NT4 Server) Service Pack 6
- Microsoft Windows NT 4.0 Terminal Server (Windows NT4 TS) Service Pack 6
- Microsoft Windows 98 Second Edition (Windows 98)*

*SunPCi III only supports Microsoft Windows 98 Second Edition, which is referred to as Windows 98 throughout SunPCi documentation.

Note – SunPCi III 3.0.1 does not support Microsoft Windows 95, the first release of Windows 98, or Microsoft Windows ME.

Solaris Operating Environments

SunPCi III 3.0.1 software supports the following Solaris operating environments:

- Solaris 7
- Solaris 8
- Solaris 9

UltraSPARC Systems

TABLE 2 Supported UltraSPARC Systems for SunPCi III 3.0.1

UltraSPARC System	SunPCi III Cards
Sun Blade™ 100 and 150	1
Sun Blade 1000 and 2000	2*
Sun Enterprise™ 450	3**
Sun Enterprise 250	1***
Sun Enterprise 220R and 420R	1***
Sun Fire™ 280R	1***
Sun Fire V480	2*

* You can install and use up to 3 SunPCi III cards if you do not use the optional USB/Firewire Card and Backplate and use less than 1 Gbyte of memory for each card.

** You can install and use up to 5 SunPCi III cards if you do not use the optional USB/Firewire Card and Backplate and use less than 1 Gbyte of memory for each card.

***You can install and use up to 2 SunPCi III cards if you do not use the optional USB/Firewire Card and Backplate and use less than 1 Gbyte of memory for each card.

Solaris Patch Information

To ensure that your SunPCi III system runs properly, you need to download and install the latest Solaris software patches. Without the patches installed, the SunPCi III software might exhibit problems during installation and regular operation.

If you have a Sun Creator3D graphics accelerator card (called the Fast Frame Buffer or FFB) or Sun Elite3D graphics accelerator card (called the Advanced Frame Buffer or AFB) installed in your workstation, you need to download and install certain Solaris software patches so that the frame buffer will be compatible with the SunPCi III software.

For information on how to install Solaris software patches, refer to your Solaris documentation.

The following table lists the patches required with each version of the Solaris operating environment and card type. If more than one patch is listed for a particular card type, download and follow the patch instructions to install all of the recommended patches.

TABLE 3 Graphics Accelerator Card Patches

Solaris Version	Graphics Card Type (Device Name)	Patch Number**
Solaris 7	All	108376-xx
	Elite3D (afb0@)	106144-xx
		106148-xx
	Creator3D (ffb0@)	106144-xx
		106145-xx
		106146-xx
106148-xx		
PGX/M64	106146-xx	
	Raptor	107716-xx
Solaris 8 (Shipped 2/02)*		None
Solaris 9		None

* For earlier versions of Solaris 8, refer to the Sun Web site (<http://www.sun.com>) for additional information.

** Patches have a base number, but the dash number is continually updated. Find the patch that is *the most recent version*, unless otherwise instructed.

Obtaining Patches From Sun

If you have a service contract with Sun, you can download patches from the SunSolveSM Web site:

<http://sunsolve.sun.com/pub-cgi/show.pl?target=home>

If you do not have a service contract, contact your sales representative to obtain patch access information.

If you are a member of the Sun Developer community, you can search and download patches from the Access1SM Web site:

<http://access1.sun.com/cgi-bin/query.cgi>

Known Issues With This Release

This section describes the known issues with the SunPCi III 3.0.1 release.

Unexpected Power Failure Issue

When an unexpected power failure occurs on your workstation, the following message might appear:

```
Opening a SunPCi window...
ERROR, There are no cards specified in the Master.ini file
please run sunpload again using the following commands:

cd /opt/SUNWspci3/drivers/solaris
./sunpload
```

To fix this issue, power-cycle your workstation.

Note – When this issue occurs, the LED indicator on the SunPCi III main card backplate is not lit.

NT 4.0 Workstation Fails to Restart on Application-Requested Reboot

When using Microsoft Windows NT 4.0 Workstation and installing various Windows-based applications, sometimes the application asks you to restart the computer. If you click OK, instead of manually choosing restart, the application will not restart but will just shut down.

This issue occurs only when you are running an external monitor and after executing the `-v` option.

To avoid this issue, when you are using an external monitor and are prompted to restart Microsoft Windows when installing a Windows-based application, manually choose restart instead of only clicking OK when prompted.

Installing Netscape 7.0 to FSD Requires Reboot Before First Use

If you install Netscape 7.0 to FSD, you must restart your system prior to opening Netscape 7.0 for the first time.

Note – Windows NT does not work properly when Netscape 7.0 is installed on FSD, so avoid this combination. This specific issue is currently under investigation.

Unable to Mount Certain NFS Mount Points as a Network Drive

When using Microsoft Windows 2000 Professional or Microsoft Windows XP Professional, you can no longer mount specific Solaris directories (NFS mount points) as a SunFSD network drive. The Solaris directories that are not mountable are those autofs mount points which display a zero available and a zero used disk blocks statistic when you use the `df` command.

This was incorrectly allowed in previous releases and would cause certain applications to have access problems when accessing files and files in subdirectories.

The work around for this issue is to find a subdirectory for the autofs mount point that displays a non-zero available and a non-zero used disk blocks statistic.

FSD Mapping is Now Case Sensitive

When using Microsoft Windows 2000 or Microsoft Windows XP Professional, FSD mapping is case-sensitive with SunPCi III 3.0.1.

The mount points and the paths that are mounted are now case sensitive. If you were running SunPCi III 3.0 and mounted FSD drives with non-matching cases, when the drivers are upgraded, FSD will not mount these drives.

To fix this issue, verify your paths are case sensitive or remap your drives to match the correct case, such as in the following example:

- older (incorrect) mapping - I:\localhost\opt\sunwspci3
- newer (correct) mapping - I:\localhost\opt\SUNWspci3

Extra Lines Might Appear in Lotus Freelance Slides

When using Microsoft Windows 2000 Professional or Microsoft Windows XP Professional, if you are generating slides with Lotus Freelance and hold the mouse button while dragging or performing any actions in a Freelance slide, extraneous lines might appear on the slide.

This issue happens since mouse pointer shadowing is enabled. To fix this issue, either minimize and then restore the Freelance window or disable mouse pointer shadowing. Refer to the Double Mouse Pointer issue in the "Windows XP Professional and Windows 2000 Issues" section in Appendix A, "Troubleshooting" of the *SunPCi III 3.0 User's Guide* to disable mouse pointer shadowing.

Cannot Install PC Anywhere 10.5 with Sun Video Driver

When using Microsoft Windows 2000 Professional and attempting the installation of PC Anywhere 10.5, Microsoft Windows 2000 Professional might hang and crash during installation if you are using the Sun Video Driver.

To avoid this issue, do not use the internal video while installing PC Anywhere 10.5. You must remove the Sun Video Driver and then install the external video driver to install PC Anywhere 10.5.

Easy CD Creator 5.2 Issue While Using Windows XP Professional

When using Microsoft Windows XP and Easy CD Creator, version 5.2 or greater, the application will not work.

There currently does not exist a work around for this issue. Use Easy CD Creator, version 5.1 or earlier with Microsoft Windows XP Professional.

Colormap Flashing with IDEAS Software

If you run the IDEAS software package at the same time as SunPCi software, you might experience colormap interactions which make the IDEAS menus unreadable.

To avoid this problem on an X11 display which supports both 8 and 24 bit depths, set the environment variable to NO8BIT.

Documentation Updates

This section describes updates in the SunPCi III documentation.

SunPCi III 3.0 User's Guide

The following section describes updates to the *SunPCi III 3.0 User's Guide*.

Updated Service Pack for Windows XP Professional

In both "Chapter 1, Introducing SunPCi III 3.0 Hardware and Software," in the section "Supported Microsoft Windows Operating Systems," and in "Chapter 2, Getting Started," in the section, "Microsoft Windows Service Packs," the supported service pack for Microsoft Windows XP Professional is now 1a.

This is an update from Service Pack 1, which is listed as the supported service pack for Windows XP Professional in the *SunPCi III 3.0 User's Guide*.

SunPCi III Quick Start Installation Guide

The following section describes updates to the *SunPCi III Quick Start Installation Guide*.

Two Files for the Quick Start Installation Guide

In all language versions of the *SunPCi III Quick Start Installation Guide*, the PDF version of the document is divided into two files.

For example, the English-language version of the *SunPCi III Quick Start Installation Guide* is named the following:

- install_guideA.pdf (front panel)
- install_guideB.pdf (back panel)

An example of the translated documentation, such as the Swedish-language version of the *SunPCi III Quick Start Installation Guide*, is named the following:

- install_guideA_sv.pdf (front panel)
- install_guideB_sv.pdf (back panel)