



# Sun PGX64 Graphics Card Product Notes

Sun Microsystems, Inc.  
901 San Antonio Road  
Palo Alto, CA 94303-4900 U.S.A.  
650-960-1300

Part No. 816-0420-10  
July 2001, Revision A

Send comments about this document to: [docfeedback@sun.com](mailto:docfeedback@sun.com)

Copyright 2001 Sun Microsystems, Inc., 901 San Antonio Road • Palo Alto, CA 94303-4900 USA. All rights reserved.

This product or document is protected by copyright and distributed under licenses restricting its use, copying, distribution, and decompilation. No part of this product or 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 other countries, exclusively licensed through X/Open Company, Ltd. For Netscape Communicator™, the following notice applies: Copyright 1995 Netscape Communications Corporation. All rights reserved. OpenGL is a registered trademark of SGI.

Sun, Sun Microsystems, the Sun logo, SunVTS, and Solaris are trademarks, registered trademarks, or service marks of Sun Microsystems, Inc. in the U.S. and other countries. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. in the U.S. and other countries. Products bearing SPARC trademarks are based upon an architecture developed by Sun Microsystems, Inc. PostScript is a trademark or registered trademark of Adobe Systems, Incorporated, which may be registered in certain jurisdictions.

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.

Federal Acquisitions: Commercial Software—Government Users Subject to Standard License Terms and Conditions.

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 2001 Sun Microsystems, Inc., 901 San Antonio Road • Palo Alto, CA 94303-4900 Etats-Unis. Tous droits réservés.

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. La notice suivante est applicable à Netscape Communicator™: Copyright 1995 Netscape Communications Corporation. Tous droits réservés. OpenGL est une marque déposée de SGI.

Sun, Sun Microsystems, the Sun logo, SunVTS, and Solaris are trademarks, registered trademarks, or service marks of Sun Microsystems, Inc. in the U.S. and other countries. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. in the U.S. and other countries. Products bearing SPARC trademarks are based upon an architecture developed by Sun Microsystems, Inc. PostScript is a trademark or registered trademark of Adobe Systems, Incorporated, which may be registered in certain jurisdictions.

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.

CETTE PUBLICATION EST FOURNIE "EN L'ETAT" ET AUCUNE GARANTIE, EXPRESSE OU IMPLICITE, N'EST ACCORDEE, Y COMPRIS DES GARANTIES CONCERNANT LA VALEUR MARCHANDE, L'APTITUDE DE LA PUBLICATION A REpondre A UNE UTILISATION PARTICULIERE, OU LE FAIT QU'ELLE NE SOIT PAS CONTREFAISANTE DE PRODUIT DE TIERS. CE DENI DE GARANTIE NE S'APPLIQUERAIT PAS, DANS LA MESURE OU IL SERAIT TENU JURIDIQUEMENT NUL ET NON AVENU.





Please  
Recycle



Adobe PostScript



Please  
Recycle



Adobe PostScript

# Contents

---

- 1. Sun PGX64 Graphics Card Product Notes 1**
  - PGX64 CD-ROM Directory 1
  - SunVTS 2
  - Solaris 2.5.1 and the PGX64 Graphics Card 4



# Sun PGX64 Graphics Card Product Notes

---

This product note provides installation information for the Sun™ PGX64 graphics card and amends the *Sun PGX64 Graphics Card Installation Guide*.

---

## PGX64 CD-ROM Directory

TABLE 1 lists the updated PGX64 CD-ROM directories:

**TABLE 1** Sun PGX64 CD Directories

Directory Name	Description
Copyright	U.S. version of copyright
Docs	English and translated versions of Installation Guide in PDF format. Some PostScript™ versions of Install Guide available.
Docs/man	Updated man pages
FR_Copyright	French version of copyright
README	Latest installation information
Solaris_2.5.1	Sun PGX64 software for this environment in package and patch format
Solaris_2.6	Sun PGX64 software for this environment in package and patch format
Solaris_7	Sun PGX64 software for this environment in package and patch format

**TABLE 1** Sun PGX64 CD Directories (Continued)

Directory Name	Description
Solaris_8	Sun PGX64 software for this environment in package and patch format
SunVTS	Sun Diagnostic Software Utility. Install the patch to update the online diagnostic tool to recognize Sun PGX64 card.
Tools	Script and compressed tar files for patching network installation images for Solaris 2.5.1, Solaris 2.6, Solaris 7 and Solaris 8 operating environments

## SunVTS

### SunVTS Software Patches

TABLE 2 lists the SunVTS™ software patches required for Solaris™ 2.5.1, Solaris 2.6, Solaris 7 and Solaris 8 operating environments.

**TABLE 2** SunVTS Software Patches

Solaris Operating Environment	Patch	Directory Location
Solaris 2.5.1	106073-03 or later	/cdrom/cdrom0/SunVTS/2.1.1
Solaris 2.6	106810-02 or later	/cdrom/cdrom0/SunVTS/2.1.3
Solaris 7	110009-01 or later	/cdrom/cdrom0/SunVTS/3.4
Solaris 8	110353-02 or later	/cdrom/cdrom0/SunVTS/4.1



# Installing SunVTS Patches

- Check that the correct version of SunVTS software already exists on your system.

For 32-bit systems, type:

```
# /usr/bin/pkginfo -x SUNWvts
```

For 64-bit systems, type:

```
# /usr/bin/pkginfo -x SUNWvtsx
```

If previously installed, one of the following messages appears, indicating the version of SunVTS and the operating environment version:

```
Solaris 2.5.1:
SUNWvts      Online Validation Test Suite
              (sparc) 2.1.1,REV=07.97.10.08

Solaris 2.6:
SUNWvts      Online Validation Test Suite
              (sparc) 2.1.3,REV=06.98.04.17

Solaris 7:
SUNWvts      SunVTS
              (sparc) 3.4,REV=08.99.09.20

SUNWvtsx     64-bit SunVTS
              (sparc) 3.4,REV=08.99.09.20

Solaris 8:
SUNWvts      SunVTS
              (sparc) 4.1,REV=10.00.08.09,OE=5.8

SUNWvtsx     64-bit SunVTS
              (sparc) 4.1,REV=10.00.08.09,OE=5.8
```

- If a previous version of SunVTS software is installed on a system running the Solaris 2.5.1 operating environment, install the patch as follows:

```
# cd /cdrom/cdrom0/SunVTS/2.1.1/106073-03
# ./installpatch `pwd`
```

- If a previous version of SunVTS software is installed on systems running Solaris 2.6, Solaris 7 or Solaris 8, Solaris 8 6/00, Solaris 8 10/00, or Solaris 8 1/01 operating environments (but not Solaris 8 Update 4 or later releases), then apply the appropriate patch as follows:

```
# cd /cdrom/cdrom0/SunVTS/{2.1.3, 3.4, 4.1}/patch_number
# /usr/sbin/patchadd `pwd`
```

where *patch\_number* is the applicable patch number indicated in TABLE 2.

---

## Solaris 2.5.1 and the PGX64 Graphics Card

If you are installing the Solaris 2.5.1 operating environment from a CD-ROM, or through `netinstall`, on a system containing the PGX64 graphics card, you need to perform the Solaris 2.5.1 installation without the window system.

- If installing from a CD-ROM, type the following at the `ok` prompt:

```
ok boot cdrom - w
```

- If installing through `netinstall`, type:

```
ok boot net - w
```

This starts the Solaris 2.5.1 operating environment windowless installation.