

**Seamless Interoperability**  
Full compatibility allows users to share files, data, and text between Windows and Solaris OE applications.

**High Performance**  
A 1.4-GHz mobile AMD Athlon XP 1600+ processor provides the power to run demanding applications at native PC speeds.

**Extended Functionality**  
On-board USB 2.0, parallel, serial, and 1394a ports leverage commercial and commodity I/O peripherals for increased productivity and efficiency.

On the Web | <http://www.sun.com>

## SunPCI™ III Coprocessor Card

Run Windows applications at native PC speeds on your Sun system side by side with Solaris™ applications — including the sharing of files, data, network connections, and peripherals.

SunWin Token# 374603



- Full native PC compatibility and interoperability
- Mobile 1.4-GHz AMD Athlon XP 1600+ processor
- 256 MB PC2100 on-board memory upgradeable to 1 GB (2 x SODIMM slots with 1 x 256 MB SODIMM preinstalled)
- AGP 8x-enabled 24-bit graphics
- 10/100-BaseT Ethernet port
- Three USB 2.0 ports

### Key Markets:

- Financial
- Electronic design automation (EDA)
- Mechanical computer-aided design (MCAD)
- Software development
- Education

The SunPCI™ III card is a cost-effective, hardware-based solution for Sun systems that allows the sharing of data, peripherals, and network connections between Microsoft Windows and the Solaris™ Operating Environment. In addition to its own Ethernet port, the card also supports sharing of a Sun system's Ethernet port(s) for increased networking flexibility. Three USB 2.0 ports and a 1394a port, as well as serial and parallel ports, provide support for PC-standard I/O devices such as digital media devices, keyboards, mice, storage, and printers. Windows application support and connectivity on Sun systems alongside Solaris applications save space, energy, and system management costs, while helping to improve personal productivity. Best of all, the SunPCI III card leverages Sun's biggest strength — reliable and robust network computing.



# SunPCi III Coprocessor Card

## Specifications

### PCI Slot Requirements

One 32-bit or 64-bit PCI slot required (a second and third slot are needed if the optional USB2.0/1394a daughtercard and the serial/parallel port backplate are installed)

### Operating Environment

Solaris 7, 8, and 9

### Disk Space Required

60 MB for SunPCi and DOS Software

Additional Microsoft Windows requirements:

Windows 98: 250 MB  
Windows NT: 750 MB  
Windows 2000: 2 GB  
Windows XP: 4 GB

### Platforms Supported

All Sun Blade™ workstations

Sun workgroup servers (Sun Enterprise™ 220R, 250, 420R, and 450 servers)

Sun Fire 280R and V480 servers (with available 32-bit or 64-bit PCI slot)

### PC Operating Systems Supported

Microsoft Windows XP

Microsoft Windows 2000 Professional

Microsoft Windows 2000 Server

Microsoft Windows NT 4.0 Server

Microsoft Windows NT Terminal Server

Microsoft Windows NT 4.0

Microsoft Windows SE

*Note: Microsoft Windows license(s) not included.*

### Networks

All Ethernet protocols, including TCP/IP, IPX/SPX, and NetBEUI

### Microsoft Windows Applications

A Microsoft Windows operating system is required to run Windows applications

### Graphics Support

Optimized shared memory architecture (SMA)

8-/16-/32-MB frame buffer using system memory

128-bit 2-D and 3-D accelerated VGA support

Equivalent 8x AGP internal performance

Separate HD-15 connector for optional external display

2-D and 3-D resolutions at up to 1920 x 1440 resolution

### XII Windows Environment

OpenWindows™

Motif

Common Desktop Environment

Gnome

### Maximum Number of Cards Per System

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\*

### Mouse

Emulates Microsoft mouse functionality

### Keyboards

All current Sun keyboards

### Processor

1.4-GHz mobile AMD Athlon XP 1600+

### Memory

256-MB PC2100 SODIMM standard (two slots, supporting 256 MB, 512 MB SODIMM for a maximum configuration of 1 GB)

### Hard Drives

Emulates the C: and D: hard drives by using files in the Solaris Operating Environment file system. Maps drives E: through Z: by mounting local or networked file systems. CD-ROM accessed via the D: or E: drive

### Floppy Drive

Emulates A: drive using internal 3.5-in. floppy drive

### Ports

Primary Backplate

USB 2.0 high-speed serial bus port

HD-15 video port

Ethernet port

SoundBlaster-compatible mic in and line out

Diagnostic LED

## Get the details.

Purchase this product from the Sun™ Store, [sun.com/store](http://sun.com/store), or contact an authorized Sun reseller near you.

Optional Secondary Backplate (additional PCI slot back panel required)

DB-9 serial port (COM1)

DB-25 parallel port (LPT)

Optional Daughtercard (additional PCI slot required)

Two USB 2.0 high-speed serial bus ports

1394a FireWire port

### Power Requirements

25 W (at maximum configuration, power draw is 40 W)

### Dimensions and Weight

Height: 2.1 cm (0.813 in.)

Width: 13.0 cm (5.125 in.)

Length: 31.8 cm (12.5 in.)

Weight: 482 g (17 oz.)

### Upgrades

Upgrade from previous-generation SunPCi co-processor cards available

### Warranty

**Hardware:** One-year, or warranty of system that board is installed in

**Software Support:** 90 days

**Call Response:** Eight hours, 8am to 8pm, Mon-Fri

**Parts Delivery:** Second business day

**Note:**

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

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

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

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We make the net work.