

# SunPCi™ IIIpro Coprocessor Card

The only platform that can simultaneously run Solaris, Windows and Red Hat



## Key Features and Highlights

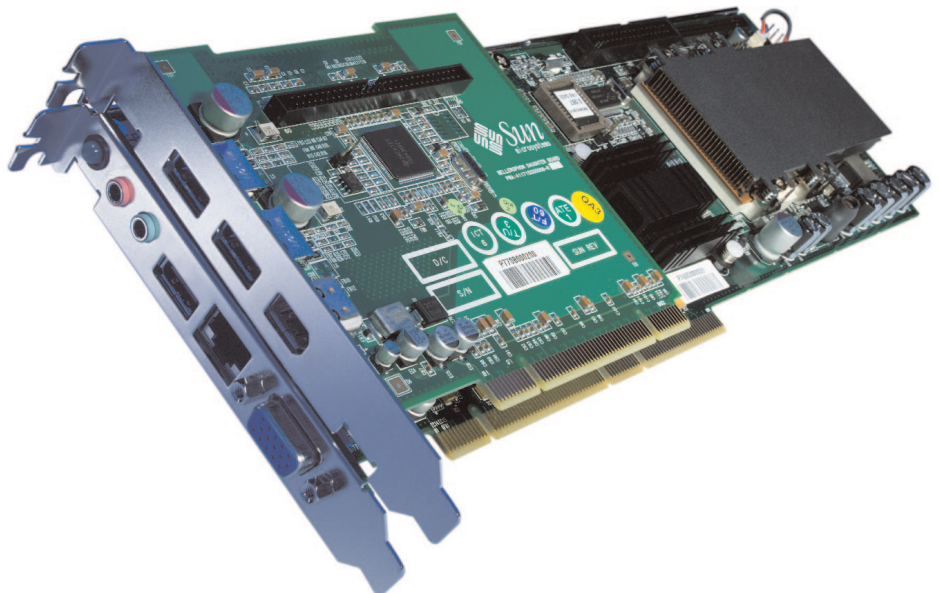
- **Seamless Interoperability:** Full compatibility allows users to share files, data, and text between Windows and Solaris™ OS applications.
- **High Performance:** A 1.6-GHz mobile AMD Athlon™ XP 2100+ processor provides the power to run demanding applications at native PC speeds
- **Extended Functionality:** On-board USB 2.0, parallel, serial, and 1394a ports leverage commercial and commodity I/O peripherals for increased productivity and efficiency
- **Full native PC compatibility and interoperability**
- 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
- 10/100Base-T Ethernet port
- Three USB 2.0 ports

## Key Markets

- Financial
- Electronic Design Automation (EDA)
- Mechanical Computer-Aided Design (MCAD)
- Software development
- Education

## The Power of Two Operating Systems in a Single Workstation

The SunPCi™ IIIpro 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 System. In addition to its own Ethernet port, the card also supports the sharing of 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 saves space, energy, and system management costs, while helping to improve personal productivity. Best of all, the SunPCi IIIpro card leverages Sun's biggest strength — reliable and robust network computing.



# SunPCI IIIpro Coprocessor Card

## 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, Solaris 8, and Solaris 9

## Disk Space Required

60 MB for SunPCI and DOS Software. Additional Microsoft Windows requirements:

Windows 2000:	2 GB
Windows XP:	4 GB

Red Hat: 3 GB

## Platforms Supported

Sun Blade 150  
 Sun Blade 1500  
 Sun Blade 2500  
 Sun Enterprise 450  
 Sun Enterprise 250  
 Sun Enterprise 220R and 420R  
 Sun Fire 280R

## PC Operating Systems Supported

Microsoft Windows XP  
 Microsoft Windows 2000 Professional  
 Microsoft Windows 2000 Server  
 Microsoft Windows 2003 Server  
 Red Hat 9 Personal/Professional  
 Red Hat Enterprise Linux 3 WS/ES

Note: Microsoft Windows and Red Hat 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

Motif  
 Common Desktop Environment  
 Gnome

## Maximum Number of Cards Per System

Sun Blade 150: 1  
 Sun Blade 1500: 1  
 Sun Blade 2500: 2  
 Sun Enterprise 450: 3\*\*  
 Sun Enterprise 250: 1\*\*\*  
 Sun Enterprise 220R and 420R: 1\*\*\*  
 Sun Fire 280R: 1\*\*\*

## Mouse

Emulates Microsoft mouse functionality

## Keyboards

All current Sun keyboards

## Processor

1.6-GHz mobile AMD Athlon XP 2100+

## 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 System 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

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 coprocessor cards available

## Warranty

Hardware:	One-year, or warranty of system in which board is installed
Software Support:	90 days
Call Response:	Eight hours, 8 am to 8 pm, Mon-Fri
Parts Delivery:	Second business day

Note:

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

Get the details.

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