



# SUNPCI™ IIpro COPROCESSOR

## A winning combination with your Sun™ system.

Save valuable desk space and improve your personal productivity by installing the SunPCI™ IIpro card in your Sun™ workstation or workgroup server. The SunPCI card enables you to run Microsoft Windows applications on your Sun system at native speeds, alongside your Solaris™ Operating Environment applications. It also enables you to share data, CD-ROM, peripherals, and network connections between the two operating systems. Best of all, the SunPCI IIpro card leverages

Sun's biggest strength—reliable and robust network computing by sharing one Ethernet port. (A separate connector is included.)

The SunPCI IIpro card now features a 733-MHz Intel Celeron processor and up to 1 GB of dedicated memory for excellent PC application performance. It also has a slim form factor that takes significantly less internal space.

## HIGHLIGHTS

- Now supports Microsoft Windows NT 4.0 TS, Windows 2000 Server Edition, Windows ME, and Windows 98 Second Edition at native speeds on your Sun system with an available PCI slot.
- Enables true PC integration with the Solaris Operating Environment software, including shared files, CD-ROM, floppy drive, monitor, and keyboard—copy and paste data between PC and Solaris applications.
- Powerful 733-MHz CPU, up to 1-GB dedicated memory, 8-GB virtual disks, and 24-bit graphics.
- Support for Sun Ray™ appliances with use of Citrix MetaFrame™ on Sun workgroup servers.
- No need for another system on your desk—you save space, energy, and system management costs.

# SunPCi™ Ilpro Coprocessor Card

With the SunPCi Ilpro coprocessor, you get the best of both worlds: The power and performance of a Sun system and the Solaris Operating Environment for technical applications, together with familiar PC productivity applications running at native PC speeds.

## FEATURES

- Increased processor speed and memory capacity
- Supports multiple cards per system
- Supports Microsoft Windows Server operating systems
- 24-bit 3-D accelerated VGA graphics with 16-bit (HighColor) support for Windows NT and 2000 using external HD-15 connector on primary backplate
- External Ethernet (10/100 Mb) port on primary backplate

## BENEFITS

Enough power and performance to run Microsoft Windows productivity and technical applications. Run all of your familiar PC applications without memory constraints.

Sun workstations and workgroup servers can host multiple “PCs” allowing multiple users to have access to PC applications from one system.

One SunPCi Ilpro card can support multiple simultaneous users.

Optional support for a separate monitor dedicated to the PC environment. Drive an additional monitor dedicated to PC environment in 24-bit, 1280 x 1024 resolution graphics. Supports more colors for Windows NT and 2000 than standard 8-bit color, and is approximately 1/3 faster than 24-bit color.

Users may bypass the shared workstation Ethernet access and connect directly to their Ethernet backbone for unimpeded fast access and enabled network management and monitoring of their SunPCi Ilpro coprocessor card.

## SPECIFICATIONS

<b>PLATFORMS SUPPORTED</b>	All PCI-based Ultra™ and Sun Blade™ workstations Sun Enterprise™ 220R, 250, 420R, and 450 servers Sun Fire™ 280R server (with available 32-bit or 64-bit PCI slot)
<b>PCI SLOT REQUIREMENTS</b>	One PCI slot required (a second slot will be used if the serial or parallel port on second backplate is required)
<b>OPERATING SYSTEM</b>	Solaris 2.6, 7, and 8 Operating Environment
<b>MEMORY</b>	128-MB SODIMM SDRAM, one free DIMM slot; maximum configuration of 1-GB SDRAM
<b>DISK SPACE REQUIRED</b>	40 MB for SunPCi drivers and DOS; Approximate Microsoft Windows requirements: Windows 98 ~250 MB Windows NT ~825 MB Windows ME ~1 GB Windows 2000 ~2 GB
<b>PROCESSOR</b>	733-MHz Intel Celeron processor with 128-KB L2 cache
<b>PC OPERATING SYSTEMS SUPPORTED</b>	Microsoft Windows 2000 Professional Microsoft Windows 2000 Server Edition Microsoft Windows NT 4.0 Workstation Microsoft Windows NT 4.0 Terminal Server Microsoft Windows Millennium Edition Microsoft Windows 98 Second Edition
<b>NETWORKS</b>	All Ethernet protocols, including TCP/IP, IPX/SPX, and NetBEUI
<b>MICROSOFT WINDOWS APPLICATIONS</b>	Windows operating system is required to run Microsoft Windows applications; users must purchase appropriate Microsoft Windows operating system
<b>GRAPHICS SUPPORT</b>	3-D accelerated VGA graphics Up to 1280 x 1024 resolution with 24-bit color Separate HD-15 connector supports external display

<b>X11 WINDOWS ENVIRONMENT</b>	OpenWindows™, Motif, Common Desktop Environment														
<b>HARD DRIVES</b>	Emulates C:\ and D:\ hard drives using files in the Solaris file system; maps drives E:\ through Z:\ by mounting local or networked file systems														
<b>FLOPPY DRIVE</b>	Emulates A:\ drive using internal 3.5-in. floppy drive														
<b>PORTS</b>															
<b>Primary Backplate</b>	USB high-speed serial bus, HD-15 video port, Ethernet port, SoundBlaster compatible mic in and line out														
<b>Secondary Backplate</b>	DB-9 serial port (COM1), DB-25 parallel port (LPT)														
<b>MAXIMUM NUMBER OF CARDS PER SYSTEM</b>	<table border="1"> <tr><td>Ultra 5 and 10 workstations</td><td>1</td></tr> <tr><td>Ultra 30, 60, &amp; 80 workstations</td><td>2</td></tr> <tr><td>Sun Blade 100 workstation</td><td>2</td></tr> <tr><td>Sun Blade 1000 workstation</td><td>4</td></tr> <tr><td>Sun Enterprise 450 server</td><td>6</td></tr> <tr><td>Sun Enterprise 220R, 250 &amp; 420R servers</td><td>2</td></tr> <tr><td>Sun Fire 280R server</td><td>2</td></tr> </table>	Ultra 5 and 10 workstations	1	Ultra 30, 60, & 80 workstations	2	Sun Blade 100 workstation	2	Sun Blade 1000 workstation	4	Sun Enterprise 450 server	6	Sun Enterprise 220R, 250 & 420R servers	2	Sun Fire 280R server	2
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<b>MOUSE</b>	Emulates Microsoft mouse functionality														
<b>KEYBOARDS</b>	All current Sun keyboards														
<b>POWER REQUIREMENTS</b>	25 W														
<b>DIMENSIONS AND WEIGHT</b>															
<b>Height</b>	2.1 cm (.813 in.)														
<b>Width</b>	13.0 cm (5.125 in.)														
<b>Length</b>	31.8 cm (12.5 in.)														
<b>Weight</b>	482 g (17 oz.)														

NOTE: Microsoft Windows license not included with SunPCi Ilpro card.

To purchase this or other products from the **Sun™ Store**, go to **store.sun.com**, or contact an authorized Sun reseller in your area.

**HEADQUARTERS** SUN MICROSYSTEMS, INC., 901 SAN ANTONIO ROAD, PALO ALTO, CA 94303-4900 USA  
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take it to the n<sup>th</sup>

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