Solaris™ 2.5 *PowerPC™ Edition*: Hardware Compatibility List

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Solaris 2.5 PowerPC Edition: Hardware Compatibility List

This document provides information about general PowerPC™ microprocessor-based system hardware requirements and the peripherals and system platforms that are supported in the Solaris™ 2.5 computing environment. System platforms listed in this document are tested "as-shipped" by the hardware manufacturers.

Note that because this document describes work in progress, it may have been changed or modified by the time you receive it. You can check the locations listed in "How to Obtain an Updated Solaris 2.5 PowerPC Edition: Hardware Compatibility List" to determine if a more current version exists.

How This Book Is Organized

The listings in this document are organized by hardware manufacturer. For each hardware manufacturer, the following information is supplied:

- The model numbers and standard configurations supported
- Optional hardware upgrades available from the manufacturer
- Optional hardware add-ons available from third parties for this manufacturer's platforms
- Hardware ordering information

Specific platform configurations are shown in these tables in this document.

IBM Platforms	*page 3*
Motorola Platforms	*page 6*

How to Obtain an Updated Solaris 2.5 PowerPC Edition: Hardware Compatibility List

The *Solaris 2.5 PowerPC Edition: Hardware Compatibility List* is updated regularly as additional platforms and peripherals are supported by Solaris *PowerPC Edition*. It is available from the following sources:

- World Wide Web—Open URL `http://access1.Sun.COM/gateway/solaris.html` and select "Solaris 2.5 *PowerPC Edition*: Hardware Compatibility List."
- FTP—Use anonymous FTP to access `ftp.uu.net`, then go to `/vendor/sun/sun-doc/ppc-driver/2.5`.
- CompuServe—Type `go sunsoft`.
- email autoresponder
  - ASCII version—Send email to `ppchcl@Sun.COM`
  - PostScript™ version—Send email to `ppchcl.ps@Sun.COM`
- ASK-IT—SunSoft's Automated Support Fax-on-Demand Service
  - In North America, call one of these numbers:
    1-800-SUNSOFT and choose options 4, 1, 1
    (310) 348-6219 and choose option 1
  - Outside North America, call one of these numbers and choose option 1:

Taiwan	886-2-719-8069
Japan	03-5717-2560
United Kingdom	44-1494-510981

Note that the World Wide Web and ASK-IT also point to Support-provided installation and configuration information as well as answers to frequently asked questions.

Corrections and Additions

Vendors, OEMs, and manufacturers: To supply corrections or add products to this list, or to obtain information on the hardware certification program, send email to `x86-certify@Cypress.West.Sun.COM` or leave voice mail at (310) 348-6170.

IBM Platforms

Platforms and Standard Configurations Supported

Personal Computer Power Series 830

Personal Computer Power Series 850

Processor:	PowerPC 604/100
	PowerPC 604/120 (model 850 only)
	PowerPC 604/133 (model 850 only)
Memory:	16 MB-192 MB
Buses:	PCI, ISA
Hard Disk:	Enhanced IDE; up to 3 GB
CD-ROM:	Internal quad speed
Comm:	On-board AMD PCnet Ethernet
Graphics:	On-board S3 864, 2 MB VRAM
Audio:	On-board Crystal CS4232

ThinkPad Power Series 820

ThinkPad Power Series 850

Processor:	PowerPC 603e/100
Memory:	16 MB-48 MB (model 820) 16 MB-96 MB (model 850)
Buses:	PCI, PCMCIA
Hard Disk:	On-board NCR C810 SCSI-2; up to 1.2 GB
CD-ROM:	Internal double speed
Graphics:	On-board WD90C24A, 640x480 and 800x600
Audio:	On-board Crystal CS4231

IBM Options

Personal Computer Power Series 830

Personal Computer Power Series 850

- S15 Graphics Adapter: 2 MB VRAM, accelerated graphics
- H10 Graphics Adapter: 4 MB VRAM, accelerated graphics

Other Options

Ethernet

- 3Com EtherLink III: 3C509B for ISA bus
- 3Com EtherLink III: 3C589 for PCMCIA bus

Video Support

Video Display Adapters

				Resolution and Color Depth											
				640x480		**800x600**		**1024x768**		**1152x900**		**1280x1024**		**1600x1200**	
Vendor	**Description**	**Bus**	**Chipset**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**
IBM	PC Power Series 830 & 850 (Onboard S3 864)	PCI	S3 864	✓				✓				✓			
	PC Power Series 830 & 850 (H10 Upgrade P9100)	PCI	Weitek P9100	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	PC Power Series 830 & 850 (S15 Upgrade P9100)	PCI	Weitek P9100	✓	✓	✓	✓	✓		✓					
	ThinkPad Power Series 820 & 850 (SVGA)	PCI	WD90C24			✓									
	ThinkPad Power Series 820 & 850 (VGA)	PCI	WD90C24	✓											

Ordering Information

Information on IBM Personal Computer Power Series products, ThinkPad Power Series products, and native 32-bit applications offered by third-party software vendors is available in documents and through the Internet and other online services.

Documentation

To order copies of these documents, call the IBM FAX Service at 1-800-IBM-4FAX (1-800-426-4329).

Title	**FAX Document No.**
IBM Personal Computer Power Series 830 and 850	3643
IBM ThinkPad Power Series 820 and 850	3644
IBM Power Series Solutions Directory	3642

Online Services

- The Internet—Open URL `http://www.austin.ibm.com.powrinfo.html`
- CompuServe—Type `GO POWERPC`
- Prodigy—Click the Jump button and type the Jump Word `IBM`
- America Online—Click on the `KEYWORD` icon, then type `IBM`
- GEnie—page 1435, keyword: `PPC` or `IBMLink`

Motorola Platforms

Platforms and Standard Configurations Supported

PowerStack RISC PC DT603-66*

PowerStack RISC PC DT603-100*

PowerStack RISC PC DT604-100

PowerStack RISC PC DT604-133*

PowerStack RISC PC MT603-66

PowerStack RISC PC MT603-100*

PowerStack RISC PC MT604-100*

PowerStack RISC PC MT604-133*

PowerStack Series E E603-66P

PowerStack Series E E604-100P

PowerStack Series E E604-133P*

Processor:	PowerPC 603/66 PowerPC 603e/100 (RISC PC only) PowerPC 604/100 PowerPC 604/133
Memory:	16 MB-256 MB
Buses:	PCI, ISA
Hard Disk:	RISC PC: On-board NCR C810 SCSI-2; up to 6 GB internal Series E: On-board NCR C825 SCSI-2; up to 3 GB internal, up to 20 GB with expansion cabinet
CD-ROM:	Internal
Comm:	On-board DEC 21040 Ethernet
Graphics:	On-board Cirrus Logic GD5434, 1 MB-4 MB VRAM
Audio:	On-board Crystal CS4231

*Systems marked with an asterisk (*) have not been explicitly tested by SunSoft, but they are expected to work.

Other Options

SCSI Target Devices

Any SCSI-compatible CD-ROM, disk, and tape device may be connected to the on-board SCSI interface.

Video Support

Video Display Adapters

				Resolution and Color Depth											
				640x480		800x600		1024x768		1152x900		1280x1024		1600x1200	
Vendor	**Description**	**Bus**	**Chipset**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**
Motorola	PowerStack RISC PC or Series E (Onboard GD5434)	PCI	GD5434	✓				✓				✓			

Ordering Information

To order hardware from Motorola, call the sales office in your area.

- In North America:
  United States 1-800-759-1107, ext. TLC
  Canada 905-507-7200
- In Latin America:
  Brazil 55-11-815-4200
  Mexico 525-281-1820
- In Europe:
  Austria 43-1-61087-0
  Belgium 32-2-718-5582
  France 33-1-4674-3560
  Germany 49-40-236204-0
  Italy 39-2-8220-239
  Netherlands 31-30-870857
  Scandinavia 46-8-734-8800
  Spain 34-1-329-0461
  United Kingdom 44-628-39121

- In the Pacific area:

Australia	61-2-906-3855
Hong Kong	852-966-3210
Japan	81-3-3280-8461
Korea	82-2-720-0653
People’s Republic of China	06-21-374-7668, ext. 3401
	06-20-331-1028, ext. 6001
Taiwan	886-2-717-7089

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