



Solaris 8 (x86 Platform Edition) 1/01 Hardware Compatibility List

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Solaris 8 (x86 Platform Edition) 1/01 Hardware Compatibility List

This document provides information about general IA hardware requirements and the peripherals and system platforms that are supported in Solaris™ 8 *x86 Platform Edition*.

It documents cumulative changes since the release of Solaris 8 *x 8 6 Platform Edition*, including those documented in the *Solaris 8 (x86 Platform Edition) 6/00 Hardware Compatibility List* and the *Solaris 8 (x86 Platform Edition) 10/00 Hardware Compatibility List*.

Note – In this document the term “IA” refers to the x86 32-bit processor architecture, which includes the Pentium, Pentium Pro, Pentium II, Pentium II Xeon, Celeron, Pentium III, and Pentium III Xeon processors and compatible microprocessor chips made by AMD and Cyrix.

Note – System platforms listed in this document are tested “as-shipped” by the hardware manufacturers, but due to the nature of this industry, there might be unexpected and unannounced changes.

Before a system can be certified, every disk, network, and video controller in the system must be certified. This means that each controller runs on an existing Solaris driver or on a driver that has been certified by Sun. All Sun certified controllers are listed in “Supported Devices” on page 27 and “Devices Supported by Verified Third-Party Drivers” on page 69.

It is common practice for hardware vendors to release variants of a particular hardware design under a single marketing name. In some cases, not all variants will work with the current Solaris device driver. Check the “Device Reference Pages” in the *Solaris 8 (x86 Platform Edition) Device Configuration Guide* to see if they provide additional information about specific hardware versions supported by the current Solaris device driver.

How This Document Is Organized

This document is divided into these major sections:

- “General Requirements” on page 10 lists the x86 32-bit processor architecture (IA) hardware requirements for installing the Solaris 8 operating environment.
- “System Platforms” on page 10 lists the platforms supported in the Solaris 8 *x86 Platform Edition* product; not all of the peripherals listed in “Supported Devices” on page 27 have been tested in all combinations on all of these platforms. This is *not* intended to be an exhaustive list of IA machines that can run Solaris 8 software.
- “Supported Devices” on page 27 lists the peripherals supported by drivers bundled on the Solaris CD. Support for these drivers is provided by Sun.
- “Devices Supported by Verified Third-Party Drivers” on page 69 lists devices that are developed and supported by third-party vendors. Contact the vendor directly to get support for these third-party drivers.

Specific machines and classes of devices are shown in these tables in this document.

- “System Platforms” on page 10
 - “Single Processor Systems” on page 11
 - “Multiprocessor Systems (SMP)” on page 17
- “Motherboards” on page 25
- “Supported Devices” on page 27

- “AT-ISDN Adapters” on page 27
 - “Audio Devices” on page 28
 - “Multiport Serial Controllers” on page 28
 - “Network Controllers” on page 30
 - “PC Card (PCMCIA) Devices” on page 36
 - “Pointing Devices” on page 38
 - “Storage” on page 39
 - “USB Devices” on page 55
 - “Video Display Devices” on page 57
 - “Devices Supported by Verified Third-Party Drivers” on page 69
 - “Supported Network Devices” on page 69
 - “Supported Storage Devices” on page 71
 - “Supported Serial I/O Devices” on page 72
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Conventions Used

- Pentium system platforms and motherboards listed in this document show the CPU type and speed in parentheses after the model name.
 - The term (P-xxx) indicates a Pentium processor; the xxx is replaced by the speed of the system in megahertz. For example, P-100 indicates a 100-MHz Pentium processor.
 - The term (PP-xxx) indicates a Pentium Pro processor; the xxx is replaced by the speed of the system in megahertz. For example, PP-150 indicates a 150-MHz Pentium Pro processor.
 - The term (PII-xxx) indicates a Pentium II processor; the xxx is replaced by the speed of the system in megahertz. For example, PII-233 indicates a 233-MHz Pentium II processor.
 - The term (PIII-xxx) indicates a Pentium III processor; the xxx is replaced by the speed of the system in megahertz. For example, PIII-450 indicates a 450-MHz Pentium III processor.
- In “Supported Devices” on page 27, peripherals that require additional configuration and that have a Device Reference Page in the *Solaris 8 (x86 Platform Edition) Device Configuration Guide* are marked with a # symbol.

Related Books

For specific hardware configuration information necessary to install and run the Solaris environment on your particular hardware, see the *Solaris 8 (x86 Platform Edition) Device Configuration Guide*.

Solaris Certification and Verification Programs

For information about the Solaris hardware certification program, see <http://soldc.sun.com/support/certify>.

For information about the Solaris Device-Driver Verification Program for the IA Platform, see <http://soldc.sun.com/developer/support/driver/DVTS/verify-index.html>.

Because certification testing is an ongoing process, updated Hardware Compatibility Lists are produced between releases; they are available at <http://soldc.sun.com/support/drivers/hcl>.

Corrections and Additions

Vendors, OEMs, and manufacturers: To supply corrections or add products to this list, send email to x86-certify@cypress.west.sun.com.

Ordering Sun Documents

Fatbrain.com, an Internet professional bookstore, stocks select product documentation from Sun Microsystems, Inc.

For a list of documents and how to order them, visit the Sun Documentation Center on Fatbrain.com at <http://www1.fatbrain.com/documentation/sun>.

Accessing Sun Documentation Online

The docs.sun.comSM Web site enables you to access Sun technical documentation online. You can browse the docs.sun.com archive or search for a specific book title or subject. The URL is <http://docs.sun.com>.

The *Solaris 8 (x86 Platform Edition) 1/01 Hardware Compatibility List* and other versions of this book are updated frequently at the Solaris Developer Connection web site. The URL is <http://soldc.sun.com/support/drivers/hcl>.

General Requirements

CPU	Memory	Bus	Disk Interface	Distribution Media	Devices for Installing Solaris
Intel Pentium	Minimum: 64 Mbytes	ISA, PCI, VLB	IDE, E-IDE, SCSI	CD-ROM and a single boot diskette	Diskette drive <i>and</i> one of the following devices:
Intel Pentium Pro					
Intel Pentium with MMX	Maximum: 32 Gbytes ¹				<ul style="list-style-type: none"> Local SCSI or ATAPI/IDE CD-ROM or DVD-ROM drive
Intel Pentium II					
Intel Pentium II Xeon					<ul style="list-style-type: none"> Remote SCSI or ATAPI/IDE CD-ROM or DVD-ROM drive available over the network
Intel Celeron					
Intel Pentium III					<ul style="list-style-type: none"> Remote hard disk available over the network
Intel Pentium III Xeon					
AMD-K5					
AMD-K6					
AMD-K6-2					
AMD-K6-3					
AMD Athlon K7					
Cyrix 5x86-100GP					
Cyrix 6x86-P120+GP					
Cyrix 6x86-P150+					
Cyrix 6x86-P166+					
Cyrix 6x86MX-PR150					
Cyrix MII					

1. IA based systems that use the Intel Pentium Pro and subsequently released Intel CPUs can address up to 32 Gbytes of physical memory. Individual processes are still limited to a maximum of 3.5 Gbytes of virtual address space however.

System Platforms

Solaris 8 *x86 Platform Edition* has been successfully installed and tested on the computers listed in this section configured as they are shipped by the system manufacturer.

Before a system can be certified, every disk, network, and video controller in the system must be certified. This means that each controller runs on an existing Solaris driver or on a driver that has been certified by Sun. All Sun certified controllers are listed in “Supported Devices” on page 27 and “Devices Supported by Verified Third-Party Drivers” on page 69.

Single Processor Systems

TABLE 1-1 Single Processor Systems

Acer AcerAcros T7000 MT (PII-266)
Acer AcerAltos 920 (PII-300)
Acer AcerAltos 9100 (PII-300)
Acer AcerAltos 9100 (PII-300+RAID)
Acer AcerPower T7000 MT (PII-266)
Advantech PCA 6180 (PIII-733)
Bull Information Systems Express5800-HX4500 (PII-Xeon-400)

TABLE 1-1 Single Processor Systems *(Continued)*

Compaq Deskpro EN 6400 (PII-400)
Compaq Professional Workstation AP200 (PII-400)
Compaq Professional Workstation AP200 (PII-450)
Compaq Professional Workstation AP200 (PIII-400)
Compaq Professional Workstation AP400 (PII-400)
Compaq Professional Workstation AP400 (PII-450)
Compaq Professional Workstation AP500 (PII-450)
Compaq ProLiant 800 (PII-350)
Compaq ProLiant 1200 (PII-233)
Compaq ProLiant 1600 (PII-300)
Compaq ProLiant 1600 (PII-350)
Compaq ProLiant 1600 (PII-400)
Compaq ProLiant 2500 (PP-200)
Compaq ProLiant 3000 (PII-333)
Compaq ProLiant 3000 (PII-450)
Compaq ProLiant 6000 (PP-200)
Compaq ProLiant 7000 (PP-200)
Compaq ProLiant DL320 (PIII-800)
Compaq ProSignia 200 (PII-233)
Compaq ProSignia 200 (PII-266)
Compaq ProSignia 200 (PII-300)

TABLE 1-1 Single Processor Systems *(Continued)*

Dell OptiPlex G1 (Celeron-433)
Dell OptiPlex GN+ 5233 (P-233 MMX)
Dell OptiPlex GXa 300L (PII-300)
Dell OptiPlex GXa 333L EM+ (PII-333)
Dell OptiPlex GX1-266 (PII-266)
Dell OptiPlex GX1-300 (PII-300)
Dell OptiPlex GX1-333 (PII-333)
Dell OptiPlex GX1-350 (PII-350)
Dell OptiPlex GX1-400 (PII-400)
Dell OptiPlex GX1-500 (PIII-500)
Dell OptiPlex GX1-550 (PIII-550)
Dell OptiPlex GX100 (Celeron-600)
Dell OptiPlex GX1p-400 (PII-400)
Dell OptiPlex GX1p-450 (PII-450)
Dell OptiPlex GX1p-500 (PIII-500)
Dell PowerApp-100 (PIII-600)
Dell PowerApp-110 (PIII-700)
Dell PowerEdge 2200 (PII-266)
Dell PowerEdge 2200 (PII-266+RAID)
Dell Precision Workstation 220 (PIII-600)
Force CPCI-730 (PII-333)

TABLE 1-1 Single Processor Systems *(Continued)*

Fujitsu FMV-5166D9K (K6-160 MMX)
Fujitsu FMV-5233T7M (P-233 MMX)
Fujitsu FMV-6266D9 (PII-266)
Fujitsu FMV-6266DX (PII-266)
Fujitsu FMV-6300DX2c (Celeron-300)
Fujitsu FMV-6350DX (PII-350)
Fujitsu FMV-6400TX (PII-400)
Fujitsu FMV PRO 7400E1 2D (PII-400)
Fujitsu FMV PRO 7400T1 2D (PII-400)
Fujitsu FMV PRO 7550E2 2D (PIII-550)
Fujitsu FMV PRO 7700E3 (PIII-700)
Fujitsu FMV PRO 8550T2 2D (PIII-Xeon-550)
Fujitsu GRANPOWER5000 ES200 (PIII-600)
Fujitsu GRANPOWER5000 Model 180 (PII-400)
Fujitsu GRANPOWER5000 Model 180 (PIII-550)
Fujitsu GRANPOWER5000 Model 280 (PIII-700)
Fujitsu GRANPOWER5000 Model 580 (PII-Xeon-400)
Fujitsu GRANPOWER5000 Model 580 (PIII-Xeon-550)
Fujitsu PRIMERGY ES200 (Celeron-633)
Fujitsu PRIMERGY ES200 (PIII-800)
Fujitsu PRIMERGY ES210 (PIII-800)
Fujitsu PRIMERGY ES210 (PIII-850)
Fujitsu PRIMERGY ES280 (PIII-800)
Fujitsu PRIMERGY MS380 (PIII-850)
Fujitsu PRIMERGY MS610 (PIII-Xeon-700)
Fujitsu PRIMERGY TS120 (PIII-933)
Fujitsu PRIMERGY TS220 (PIII-933)
Hitachi FLORA 370-TS3 (PII-450)
Hitachi HA8000/40 (PII-400)
Hitachi HA8000/150 (PIII-500)

TABLE 1-1 Single Processor Systems *(Continued)*

HP Kayak XA-s 6-350 PC Workstation (PII-350)
HP Kayak XA-s 6-400 PC Workstation (PII-400)
HP Kayak XA-s 6-450 PC Workstation (PII-450)
HP Kayak XU 6-266 PC Workstation (PII-266)
HP Kayak XU 6-300 PC Workstation (PII-300)
HP NetServer E40 (PP-200)
HP NetServer E45 (PII-266)
HP NetServer E50 (PII-333)
HP NetServer LCII (PII-300)
HP NetServer LHII (PII-266)
IBM IntelliStation E Pro 6893 (PII-400)
IBM IntelliStation M Pro 6889-08Z (PII-350)
IBM Netfinity 3500 8644-21U (PII-266)
IBM Netfinity 5500 8660-4RU (PII-400)
IBM Personal Computer 300 PL Model 6562-30Z (P-200 MMX)
IBM Personal Computer 300 PL Model 8692-40Z (PP-350)
Intel SKA4 (PIII-Xeon-500)
Intel UPServer T440BX (PIII-500)
Motorola CPV5000 Single-Board Computer (P-233 MMX Mobile Module)
Motorola CPV5300 Single-Board Computer (PII-266 Mobile Module)
Motorola CPV5350 Single-Board Computer (PII-333 Mobile Module)
NCR 3261 (Celeron-266)
NCR 3271 (PII-266)
NCR 3272 (PII-450)
NCR WorldMark 4300 (PP-200 512 KB)

TABLE 1-1 Single Processor Systems (Continued)

NEC Express5800-ES1200 (PII-266)
NEC Express5800-ES1400 (PII-300)
NEC Express5800-HX4500 (PII-Xeon-400)
NEC Express5800-TM1200 (2 CPUs, PIII-933)
NEC PowerMate Enterprise 4100E (Celeron-266)
NEC PowerMate Enterprise 5100 (PII-300)
NEC PowerMate Enterprise 8100E (PII-400 512 KB)
Siemens AG ATD SiiX Station 4BX (PII-350)
Siemens AG PRIMERGY 170 (D1107) (PIII-500)
Siemens AG PRIMERGY 870 (PII-Xeon-400)
Siemens AG PRIMERGY 870 (PII-Xeon-450)
Siemens AG Scenic Pro D6 (D1085) (PII-266)
Siemens AG Scenic Pro D7 (D1064) (PII-450)
Toshiba Equip 7100M (PIII-600)
Toshiba Magnia 3000 (PII-400)
Toshiba Magnia 5000 (PII-400)
Zenith Data Systems Express5800-ES1200 (PII-266)
Zenith Data Systems Express5800-ES1400 (PII-300)
Zenith Data Systems Express5800-HX4500 (PII-Xeon-400)
Zenith Data Systems Z-Station 4100E (Celeron-266)
Zenith Data Systems Z-Station 8100E (PII-400 512 KB)

Multiprocessor Systems (SMP)

Note – The number of CPUs following each entry indicates the number of processors in the multiprocessor system as tested.

TABLE 1-2 Multiprocessor Systems (SMP)

Acer AcerAltos 920 (2 CPUs, PII-300)
Acer AcerAltos 1100E (2 CPUs, PIII-550)
Acer AcerAltos 9100 (2 CPUs, PII-300)
Acer AcerAltos 9100 (2 CPUs, PII-300+RAID)
Acer AcerAltos 12000 (2 CPUs, PIII-Xeon-550)
Acer AcerAltos 21000 (4 CPUs, PIII-Xeon-500)
Acer AOpen DX2G Plus (2 CPUs, PIII-Xeon-550)
Acer AOpen DX6G Plus (2 CPUs, PIII-500)
Acer AOpen DX6G Plus (2 CPUs, PIII-Xeon-500)
Acer ProStation 5000 (2 CPUs, PIII-550)
Bull Information Systems Express5800-HX4500 (4 CPUs, PII-Xeon-400)
Bull Information Systems Express5800-HX4600 (2 CPUs, PII-450)
Bull Information Systems Express5800-MC2400 (2 CPUs, PII-450)
Bull Information Systems Express5800-MH4500 (2 CPUs, PII-Xeon-400)

TABLE 1-2 Multiprocessor Systems (SMP) *(Continued)*

Compaq Professional Workstation AP400 (2 CPUs, PII-400)
Compaq Professional Workstation AP400 (2 CPUs, PII-450)
Compaq Professional Workstation AP500 (2 CPUs, PII-450)
Compaq Professional Workstation 6000 (2 CPUs, PII-266)
Compaq Professional Workstation 8000 (2 CPUs, PP-200)
Compaq Professional Workstation 8000 (4 CPUs, PP-200)
Compaq ProLiant 800 (2 CPUs, PII-350)
Compaq ProLiant 800 (2 CPUs, PIII-550)
Compaq ProLiant 1600 (2 CPUs, PII-350)
Compaq ProLiant 1600 (2 CPUs, PII-400)
Compaq ProLiant 1600 (2 CPUs, PIII-550)
Compaq ProLiant 1850R (2 CPUs, PIII-500)
Compaq ProLiant 1850R (2 CPUs, PIII-550)
Compaq ProLiant 2500 (2 CPUs, PP-200)
Compaq ProLiant 3000 (2 CPUs, PII-300)
Compaq ProLiant 3000 (2 CPUs, PII-333)
Compaq ProLiant 3000 (2 CPUs, PIII-500)

TABLE 1-2 Multiprocessor Systems (SMP) *(Continued)*

Compaq ProLiant 5500 (4 CPUs, PP-200)
Compaq ProLiant 5500 (4 CPUs, PII-Xeon-400)
Compaq ProLiant 5500 (4 CPUs, PII-Xeon-450)
Compaq ProLiant 6000 (2 CPUs, PP-200)
Compaq ProLiant 6000 (2 CPUs, PIII-Xeon-500)
Compaq ProLiant 6000 (4 CPUs, PP-200)
Compaq ProLiant 6000 (4 CPUs, PIII-Xeon-500)
Compaq ProLiant 6400R (4 CPUs, PIII-Xeon-500)
Compaq ProLiant 6500 (4 CPUs, PP-200) ^{1, 2}
Compaq ProLiant 6500R (4 CPUs, PII-Xeon-400)
Compaq ProLiant 6500R (4 CPUs, PII-Xeon-450)
Compaq ProLiant 6500R (4 CPUs, PIII-Xeon-500)
Compaq ProLiant 7000 (2 CPUs, PP-200) ²
Compaq ProLiant 7000 (4 CPUs, PP-200) ²
Compaq ProLiant 7000 (4 CPUs, PII-Xeon-450) ²
Compaq ProLiant 7000 (4 CPUs, PIII-Xeon-500) ²
Compaq ProLiant 8000 (8 CPUs, PIII-700) ²
Compaq ProLiant 8500 (8 CPUs, PIII-700) ²
Compaq ProLiant 8500R (8 CPUs, PIII-700) ²

TABLE 1-2 Multiprocessor Systems (SMP) *(Continued)*

Compaq ProLiant DL360 (2 CPUs, PIII-866)
Compaq ProLiant DL360 (2 CPUs, PIII-933)
Compaq ProLiant DL360 (2 CPUs, PIII-1GHz)
Compaq ProLiant ML370 (2 CPUs, PIII-933)
Compaq ProLiant ML370 (2 CPUs, PIII-1GHz)
Compaq ProLiant ML530 (2 CPUs, PIII-933)
Compaq ProLiant ML530 (2 CPUs, PIII-1GHz)
Compaq ProLiant ML570 (4 CPUs, PIII-700)
Dell PowerEdge 300 (2 CPUs, PIII-500)
Dell PowerEdge 1400 (2 CPUs, PIII-866)
Dell PowerEdge 1500 (2 CPUs, PIII-933)
Dell PowerEdge 2200 (2 CPUs, PII-266)
Dell PowerEdge 2200 (2 CPUs, PII-266+RAID)
Dell PowerEdge 2300 (2 CPUs, PII-400)
Dell PowerEdge 2450 (2 CPUs, PIII-667)
Dell PowerEdge 4200 (2 CPUs, PII-266+RAID)
Dell PowerEdge 6100 (2 CPUs, PP-200+RAID)
Dell PowerEdge 6100 (4 CPUs, PP-200+RAID)
Dell PowerEdge 6300 (4 CPUs, PII-400)
Dell PowerEdge 6350 (4 CPUs, PIII-Xeon-500)
Dell PowerEdge 8450 (8 CPUs, PIII-Xeon-550)
Dell Precision WorkStation 410 (2 CPUs, PII-400)
Dell Precision WorkStation 610 (2 CPUs, PII-Xeon-450)
Dell Precision WorkStation 610 (2 CPUs, PIII-Xeon-550)
Dell Precision WorkStation 610 (2 CPUs, PIII-600)

TABLE 1-2 Multiprocessor Systems (SMP) *(Continued)*

Fujitsu GRANPOWER5000 Model 280 (2 CPUs, PII-400)
Fujitsu GRANPOWER5000 Model 280 (2 CPUs, PIII-700)
Fujitsu GRANPOWER5000 Model 580 (4 CPUs, PII-Xeon-400)
Fujitsu GRANPOWER5000 Model 580 (2 CPUs, PIII-Xeon-550)
Fujitsu GRANPOWER5000 Model 580 (4 CPUs, PIII-Xeon-550)
Fujitsu L830i 4Way (4 CPUs, PII-Xeon-400)
Fujitsu L870ie 4Way (4 CPUs, PIII-Xeon-550)
Fujitsu PRIMERGY ES210 (2 CPUs, PIII-850)
Fujitsu PRIMERGY ES280 (2 CPUs, PIII-800)
Fujitsu PRIMERGY ES320 (2 CPUs, PIII-933)
Fujitsu PRIMERGY MS380 (2 CPUs, PIII-850)
Fujitsu PRIMERGY MS610 (2 CPUs, PIII-Xeon-700)
Fujitsu PRIMERGY MS610 (4 CPUs, PIII-Xeon-700)
Fujitsu PRIMERGY TS220 (2 CPUs, PIII-933)
Fujitsu teamSERVER-T890i (4 CPUs, PIII-Xeon-550)
Gateway 7250R (2 CPUs, PIII-800)
Gateway 7450R (2 CPUs, PIII-933)
Gateway 7450R (2 CPUs, PIII-1GHz)
Gateway 8400 (4 CPUs, PIII-Xeon-500)
Gateway 8400 (4 CPUs, PIII-Xeon-700)
Gateway 8450R (4 CPUs, PIII-Xeon-700)
Gateway E-5250 (2 CPUs, PII-Xeon-400)
Hitachi HA8000/140 (2 CPUs, PIII-500)
Hitachi HA8000/150 (2 CPUs, PIII-500)
Hitachi HA8000/380 (8 CPUs, PII-Xeon-400)
Hitachi HA8000/380 UWRAID (4 CPUs, PII-Xeon-450)
Hitachi HA8000/380 UWRAID (8 CPUs, PII-Xeon-450)
Hitachi VisionBase8240 (2 CPUs, PIII-500)
Hitachi VisionBase8880R (8 CPUs, PII-Xeon-400)
Hitachi VisionBase8880R UWRAID (4 CPUs, PII-Xeon-450)
Hitachi VisionBase8880R UWRAID (8 CPUs, PII-Xeon-450)

TABLE 1-2 Multiprocessor Systems (SMP) *(Continued)*

HP Kayak XA-s 6-450 PC Workstation (2 CPUs, PII-450)
HP Kayak XU 6-266 PC Workstation (2 CPUs, PII-266)
HP Kayak XU 6-300 PC Workstation (2 CPUs, PII-300)
HP NetServer LCII (2 CPUs, PII-300)
HP NetServer LHII (2 CPUs, PII-266)
HP NetServer LH4 (2 CPUs, PII-400) ³
HP NetServer-LP-1000R (2 CPUs, PIII-1GHz)
IBM Netfinity 5000 8659-22Y (2 CPUs, PII-400)
IBM Netfinity 5500 8660-1RU (2 CPUs, PII-400)
IBM Netfinity 5500 8660-4RU (2 CPUs, PII-400)
IBM Netfinity 7000 8651-TMO (4 CPUs, PP-200)
Intel AP450GX MP Server (4 CPUs, PP-166)
Intel AP450GX MP Server (4 CPUs, PP-200)
Intel DPSEServer C440GX+ (2 CPUs, PIII-Xeon-500)
Intel DPSEServer L440GX+ (2 CPUs, PIII-550)
Intel DPSEServer LB440GX (2 CPUs, PIII-500)
Intel DPSEServer MB440LX (2 CPUs, PII-333)
Intel DPSEServer N440BX (2 CPUs, PII-350)
Intel DPSEServer N440BX (2 CPUs, PII-400)
Intel DPSEServer R440LX (2 CPUs, PII-300)
Intel OCPRF100 (8 CPUs, PIII-Xeon-550)
Intel QPSEServer AC450NX (4 CPUs, PII-Xeon-400) ²
Intel QPSEServer AC450NX (4 CPUs, PIII-Xeon-550) ²
Intel QPSEServer SC450NX (4 CPUs, PII-Xeon-400)
Intel SKA4 (2 CPUs, PIII-Xeon-500)
Intel SKA4 (4 CPUs, PIII-Xeon-500)
Intel SLT2 (2 CPUs, PIII-1GHz)
Intel SPM8 (8 CPUs, PIII-Xeon-700)
Micron NetFrame 3100 (2 CPUs, PIII-500)
Micron NetFrame 5200 (2 CPUs, PII-400)
Mitsubishi Electric FT2400 (2 CPUs, PII-300)

TABLE 1-2 Multiprocessor Systems (SMP) *(Continued)*

NCR S20R (2 CPUs, PIII-800)
NCR S25 (2 CPUs, PIII-800)
NCR S26 (2 CPUs, PP-166 512 KB)
NCR S26 (2 CPUs, PP-200 512 KB)
NCR S26 Rack Node (2 CPUs, PII-400)
NCR S26 Rack Node (440GX) (2 CPUs, PII-450)
NCR S26 Refresh (2 CPUs, PII-300 512 KB)
NCR S26 XLPII (2 CPUs, PII-333)
NCR S26 XLPII (2 CPUs, PII-400)
NCR S26 XLPII (440GX) (2 CPUs, PII-450)
NCR S27 (2 CPUs, PIII-800)
NCR S28 (2 CPUs, PIII-800)
NCR S50 (4 CPUs, PII-Xeon-400)
NCR S50 (4 CPUs, PIII-Xeon-500)
NCR WorldMark 4300 (2 CPUs, PP-200)
NCR WorldMark 4300 (4 CPUs, PP-166)
NCR WorldMark 4300 (4 CPUs, PP-200 512 KB)
NCR WorldMark 4300 (4 CPUs, PP-200 1 MB)
NCR WorldMark 4300 Rack 2NODE (4 CPUs, PP-200 512 KB)
NCR WorldMark 4380 (2 CPUs, PP-200 512 KB) ⁴
NCR WorldMark 4380 (4 CPUs, PP-200 1 MB) ⁴
NCR WorldMark 4380 (8 CPUs, PP-200 1 MB) ⁴
NCR WorldMark 4400 (3 CPUs, PII-Xeon-400)
NCR WorldMark 4400 (4 CPUs, PII-Xeon-400)
NCR WorldMark 4455 (4 CPUs, PIII-Xeon-500)
NCR WorldMark 4455 (4 CPUs, PIII-Xeon-700)
NCR WorldMark 4465 (4 CPUs, PIII-Xeon-500)
NCR WorldMark 4465 (4 CPUs, PIII-Xeon-700)

TABLE 1-2 Multiprocessor Systems (SMP) *(Continued)*

NEC Express5800-HX (4 CPUs, PP-200)
NEC Express5800-HX4100 (4 CPUs, PP-200)
NEC Express5800-HX4500 (4 CPUs, PII-Xeon-400)
NEC Express5800-HX4600 (2 CPUs, PII-450)
NEC Express5800-HX6100 (6 CPUs, PP-200)
NEC Express5800-LE2200 (2 CPUs, PII-300)
NEC Express5800-MC2400 (2 CPUs, PII-450)
NEC Express5800-MH4000 (2 CPUs, PP-200)
NEC Express5800-MH4500 (2 CPUs, PII-Xeon-400)
NEC Express5800-MT2200 (2 CPUs, PII-300)
NEC Express5800-RM4100 (2 CPUs, PP-200)
Siemens AG PRIMERGY 460 (2 CPUs, PII-266)
Siemens AG PRIMERGY 460 (2 CPUs, PII-300)
Siemens AG PRIMERGY 470 (2 CPUs, PII-450)
Siemens AG PRIMERGY 670/20 (2 CPUs, PII-350)
Siemens AG PRIMERGY 870 (2 CPUs, PII-Xeon-400)
Siemens AG PRIMERGY 870 (2 CPUs, PII-Xeon-450)
Siemens AG PRIMERGY 870 (4 CPUs, PII-Xeon-400)
Siemens AG PRIMERGY 870 (4 CPUs, PII-Xeon-450)
Toshiba Magnia 3000 (2 CPUs, PII-400)
Toshiba Magnia 3010 (2 CPUs, PIII-500)
Toshiba Magnia 5000 (2 CPUs, PII-400)
Versiya SmartServer 3000 (2 CPUs, PII-400)
Versiya SmartServer 5000 (2 CPUs, PIII-500)

TABLE 1-2 Multiprocessor Systems (SMP) (Continued)

Zenith Data Systems Express5800-HX (4 CPUs, PP-200)
Zenith Data Systems Express5800-HX4100 (4 CPUs, PP-200)
Zenith Data Systems Express5800-HX4500 (4 CPUs, PII-Xeon-400)
Zenith Data Systems Express5800-HX4600 (2 CPUs, PII-450)
Zenith Data Systems Express5800-HX6100 (6 CPUs, PP-200)
Zenith Data Systems Express5800-LE2200 (2 CPUs, PII-300)
Zenith Data Systems Express5800-MC2400 (2 CPUs, PII-450)
Zenith Data Systems Express5800-MH4000 (2 CPUs, PP-200)
Zenith Data Systems Express5800-MH4500 (2 CPUs, PII-Xeon-400)
Zenith Data Systems Express5800-MT2200 (2 CPUs, PII-300)
Zenith Data Systems Express5800-RM4100 (2 CPUs, PP-200)

1. 3Com EtherLink XL 3C905B cards in a Compaq ProLiant 6500 can fail to generate interrupts. Refer to the "3Com EtherLink XL (3C900, 3C900-COMBO, 3C900B-COMBO, 3C900B-TPC, 3C900B-TPO), Fast EtherLink XL (3C905-TX, 3C905-T4, 3C905B-TX, 3C905B-T4)" Device Reference Page for additional information.
2. This system supports PCI hot-plugging.
3. This system has a built-in AMI MegaRAID 438 controller, which is *not* currently supported by the Solaris operating environment. Contact AMI to obtain information and support for this device.
4. To use the NCR 4380 model series, you must install Solaris patch `ncr4380_set`, which can be downloaded from http://www3.ncr.com/support/solaris/alphabetical_list.shtml.

Motherboards

TABLE 1-3 Motherboards

These are individual motherboards that have been tested as components; see "System Platforms" on page 10 for a list of tested systems.
These motherboards have been tested by the hardware vendor. See the Certification Reports for information about the BIOS version and the Solaris version on which the motherboard was certified.
Acer M9N MP (2 CPUs, PII-300)
Acer M9N MP (2 CPUs, PII-300+RAID)
Acer M9N SP (1 CPU, PII-300)
Acer M9N SP (1 CPU, PII-300+RAID)
Acer V65X (1 CPU, PII-266)

TABLE 1-3 Motherboards *(Continued)*

ASUS A7A266 (1 CPU, K6-3-1.2GHz)
ASUS A7V (1 CPU, K7-700)
ASUS CUSL2 (1 CPU, PIII-866)
ASUS CUSL2-M (1 CPU, PIII-866)
ASUS CUV4X-E (1 CPU, PIII-933)
ASUS CUV4X-ME (1 CPU, PIII-667)
ASUS CUV4X-V (1 CPU, PIII-933)
ASUS K7M (1 CPU, K7-650)
ASUS MEB-VM (1 CPU, Celeron-400)
ASUS MEL-B (1 CPU, Celeron-433)
ASUS MES (1 CPU, Celeron-466)
ASUS MES-B (1 CPU, Celeron-466)
ASUS MES-VM (1 CPU, Celeron-400)
ASUS MEV (1 CPU, Celeron-466)
ASUS MEW (1 CPU, Celeron-466)
ASUS MEW-B (1 CPU, Celeron-466)
ASUS MEW-RM (1 CPU, Celeron-466)
ASUS P2V-B (1 CPU, PIII-450)
ASUS P3B-F (1 CPU, PIII-550)
ASUS P3W-E (1 CPU, PIII-600)
ASUS P5S-B (1 CPU, K6-2-450)
EPoX EP-MVP3G (1 CPU, K6-2, 400)

TABLE 1-3 Motherboards (Continued)

Intel CC820 (1 CPU, PIII-600)
Intel FJ440ZX (1 CPU, Celeron-366)
Intel KU440EX (1 CPU, Celeron-266)
Intel JN440BX (1 CPU, PII-350)
Intel JN440BX (1 CPU, PII-400)
Intel JN440BX (1 CPU, PII-450)
Intel JN440BX (1 CPU, PIII-500)
Intel LT430TX (1 CPU, P-200 MMX)
Intel MP440BX (1 CPU, PII-400)
Intel MS440GX (2 CPUs, PII-Xeon-400)
Intel NX440LX (1 CPU, PII-266)
Intel SE440BX (1 CPU, PII-350)
Intel SE440BX (1 CPU, PII-400)
Intel VC820 (1 CPU, PIII-600)
Intel WS440BX (1 CPU, PII-400)

Supported Devices

Devices listed in this section have been successfully tested with Solaris 8 *x86 Platform Edition* in a varied but limited number of hardware configurations. While a complete system composed of the devices listed in this section should enable you to install and run the Solaris software, some combinations of devices might not be usable or might require additional configuration.

AT-ISDN Adapters

TABLE 1-4 AT-ISDN Adapters

Vendor	Name/Model
Digi International	Digi Datafire-U ¹
	Digi Datafire S/T ¹

1. Driver software and support for these devices are available directly from the vendor.

Audio Devices

Note – Devices that require additional configuration and that have a Device Reference Page in the *Solaris 8 (x86 Platform Edition) Device Configuration Guide* are marked with a # symbol.

TABLE 1-5 Audio Devices

Vendor	Model
Analog Devices	AD1848 & compatibles [#]
Compaq	Business Audio
Creative Labs	Sound Blaster 16 [#] Sound Blaster AWE32 [#] Sound Blaster Pro [#] Sound Blaster Pro-2 [#] Sound Blaster Vibra 16 [#]
Various Other Boards and Devices	Drivers and support for a large number of additional sound boards and devices are available using a software driver package from 4Front Technologies. To obtain it, contact the vendor: Tel: (310) 202-8530 USA Fax: (310) 202-0496 USA Email: info@4front-tech.com Web: http://www.4front-tech.com

Multiport Serial Controllers

TABLE 1-6 Multiport Serial Adapters

Vendor	Model
Aurora ¹	401A (ISA 4 Port) Aries 8000P (PCI 8 Port) Aries 1600P (PCI 16 Port) Aurora Saturn 2520P (PCI 2 Port) Aurora Saturn 4520P (PCI 4 Port)

TABLE 1-6 Multiport Serial Adapters (Continued)

Vendor	Model
CHASE ¹	IOPRO (ISA 8 Port)
Digi International (DigiBoard) ¹	AccelePort (ISA)
	C/X Intelligent Clusters (ISA)
	EPC/X Intelligent Clusters (ISA)
	PC/8e (ISA)
	PC/8eVe
	PC/16em (16 db25 port)
	PC/Xe Intelligent Serial Adapters
	PC/Xem (ISA)
	PC/Xi Intelligent Serial Adapters
	PCI/8r (PCI)
	PCI/16em (16 db25 port)
	PCI/Xem
	Xem Intelligent Asynchronous Adapters
Xr Intelligent Asynchronous Adapters	

1. Solaris drivers for this vendor's devices are available directly from the vendor.

