Solaris™ 2.5/2.5.1 x86 Hardware Compatibility List

April 1997

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Mountain View, CA 94043
U.S.A.

Part No: 802-1974-21
Revision A, April 1997

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Solaris 2.5/2.5.1 x86 Hardware Compatibility List

This document provides information about general x86 hardware requirements and the peripherals and system platforms that are supported in the Solaris™ 2.5/2.5.1 x86 computing environment.

Throughout the Solaris 2.5/2.5.1 x86 release cycle, support for additional systems and devices is added to the product on an ongoing basis. This document will continue to be updated to describe the new support. You can access the locations listed in "How to Obtain Updated Hardware Compatibility Lists and Device Driver Information" to see if a more current version exists.

Many of the systems and peripherals listed in this document require the current Driver Update for proper operation in the Solaris environment.

System platforms listed in this document are tested "as-shipped" by the hardware manufacturers. Since it is the nature of this industry to have unexpected and unannounced changes, SunSoft is committed to working with customers who experience difficulties installing the Solaris software on supported systems. If any problems are encountered with this release, contact SunSoft Technical Support at 1-800-SUNSOFT, option 4, or call your technical support provider.

Note – 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 appropriate Device Reference Page in *Solaris 2.5/2.5.1 x86 Driver Update Guide* for additional information about specific hardware versions supported by the current Solaris device driver.

How This Book Is Organized

This document is divided into the following three major sections:

- **"General Requirements"** lists the x86 hardware requirements for installing the Solaris 2.5/2.5.1 operating environment.

- **"System Platforms"** lists the platforms supported in Solaris 2.5/2.5.1 x86; not all of the peripherals listed in the "Supported Devices" section have been tested in all combinations on all of these platforms. This is *not* intended to be an exhaustive list of x86 machines that can run Solaris 2.5/2.5.1 software.
- **"Supported Devices"** lists the supported peripherals.

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

System Platforms	
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Multiprocessor Systems (SMP)	*page 16*
Notebook Computers (Prior to March 1996)	*page 20*
Notebook Certification Matrix (After March 1996)	*page 21*
Supported Devices	
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SCSI RAID Controllers	*page 25*
Solid State SCSI Disk Devices	*page 26*
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Printing Devices	*page 28*
Audio Devices	*page 28*
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Network Adapters—Ethernet	*page 31*
Network Adapters—Fast Ethernet	*page 33*
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Network Adapters—Token Ring	*page 34*
Network Adapters—WAN	*page 34*
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PC Card (PCMCIA)—Add-On Boards	*page 35*
PC Card (PCMCIA)—GPS and Navigation Devices	*page 35*
PC Card (PCMCIA)—Modems	*page 35*
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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.

How to Obtain Updated Hardware Compatibility Lists and Device Driver Information

Hardware Compatibility Lists and Driver Update releases (including related documentation) are produced periodically as support for new hardware becomes available. They are available from these sources:

- World Wide Web—For Driver Updates, open URL `http://access1.sun.com/drivers/driverMain.html`. For Hardware Compatibility Lists, open URL `http://access1.sun.com/certify/hcl.html`.
- FTP—Use anonymous FTP to access `ftp.uu.net`, then go to `/vendor/sun/solaris/x86/2.5/`
- CompuServe—Type `go sunsoft` and go to the Solaris x86 library.

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

Related Documentation Only

- Email Autoresponder—To obtain a Hardware Compatibility List or a Driver Update Announcement via email, send email to `hcl-index@Sun.COM` for a list of autoresponse aliases that return hardware support information.
- ASK-IT[1]—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, 1
    (310) 348-6219 and choose option 1
  - Outside North America, call one of these numbers and choose option 1:

Australia	61-2-844-5374
Japan	03-5717-2560
Taiwan	886-2-719-8069
United Kingdom	44-1276-677131

1. Includes the current Hardware Compatibility List and document No. 51225, which summarizes the current Driver Update.

How to Obtain Technical Support

To obtain technical support:

- In North America, call 1-800-SUNSOFT and choose option 4.
- Outside North America, contact your technical support provider.

Related Books

For specific hardware configuration information necessary to install and run Solaris on your particular hardware, see *x86 Device Configuration Guide* and any documentation supplied with a Solaris 2.5/2.5.1 x86 Driver Update.

Ordering Sun Documents

The SunDocs℠ program provides over 250 manuals from Sun Microsystems, Inc. If you live in the U.S., Canada, Europe, or Japan, you can purchase documentation sets or individual manuals using this program.

For a list of documents and ordering information, see the catalog section of SunExpress™ On The Internet at `http://www.sun.com/sunexpress`.

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.

General Requirements

CPU	Minimum Memory	Bus	Disk Interface	Distribution Media	Devices for Installing Solaris
Intel or compatible 386@33MHz (minimum[1]) Intel or compatible 486DX, 486DX2, 486DX4, 486SL, 486SX Intel Pentium Intel Pentium Pro Intel Pentium with MMX AMD 486DX2-66 AMD 486DX2-80 AMD 486DX4-100 AMD 486DX4-100 Enhanced AMD 5K86-90 Cyrix 486DLC-40 Cyrix 5x86-100GP Cyrix 6x86-P120+GP Cyrix 6x86-P150+ Cyrix 6x86-P166+	16 Mbytes	ISA, EISA, MCA, PCI, VLB	IDE, E-IDE, SCSI	CD-ROM with a single boot diskette	Diskette drive *and* one of the following devices: • Local SCSI or ATAPI/IDE CD-ROM drive • Remote SCSI or ATAPI/IDE CD-ROM drive available over the network • Remote hard disk available over the network

1. A 486DX, 486DX2, or Pentium CPU is recommended for better performance.

System Platforms

The Solaris 2.5/2.5.1 x86 system has been successfully installed and tested on the computers listed in this section configured as they are shipped by the system manufacturer.

Single Processor Systems

Acer AcerAltos 300 (P-166)
Acer AcerAltos 700
Acer AcerAltos 800[1]
Acer AcerAltos 800/P (P-90)
Acer AcerAltos 900/Pro-200 with EIDE (PP-200)
Acer AcerAltos 900/Pro-200 with SCSI (PP-200)
Acer AcerAltos 7000 (P-60)
Acer AcerAltos 7000 (P-90)
Acer AcerAltos 7000/P (1 CPU, P-90)
Acer AcerAltos 9000/Pro-200 (PP-200)
Acer AcerAltos 19000 (PP-200)
Acer AcerPower 5000 (P-60)[2,3]
Acer AcerPower 5020 (P-90)[2,3]
Acer AcerPower 7500 (P-75)
Acer AcerPower 9000T
Acer AcerPower Pentium P-75 Desktop
Acer AcerAltos 17000 Server (tested with 1 CPU only)[4]

Single Processor Systems ***(Continued)***

ALR BusinessVEISA DX2/66
ALR Evolution 150 (PP-150)
ALR Evolution 5DT (P-120)
ALR Evolution 5DT (P-166)
ALR Evolution IV 4DX2/66
ALR Evolution Q/MP2 100 (1 CPU config)
ALR Evolution V STe/75 (P-75)
ALR Evolution V ST/75 (P-75)
ALR Evolution V ST/120 (P-120)
ALR Evolution V ST/PCI (P-90)
ALR Evolution VQ EISA (P-60)
ALR Evolution VQ EISA (P-66)
ALR Evolution VQ EISA (P-90)
ALR Evolution X/75 (P-75)
ALR Evolution X/120 (P-120)
ALR FLYERvl 486 DX2/66
ALR Optima DT/133 (P-133)
ALR Optima MT (PP-200)
ALR PROVEISA DX2/66
ALR Revolution Dual6 (1 CPU version, PP-200)
ALR Revolution MP-100 (1 CPU config)
ALR Revolution MP-120 (1 CPU config)
ALR Revolution MP-133 (1 CPU config)
ALR Revolution MP-166 (1 CPU, P-166)
ALR Revolution MP II (1 CPU, P-166)
ALR Revolution MP II (1 CPU, P-200)
ALR Revolution Q-SMP (1 CPU, P-166)
ALR Revolution Quad6-200 (1 CPU, PP-200)

AMD Desktop 5K86-90 (P-90)
AMD Enhanced (486DX4-100)

American Micro Group P90PE-SS Server
American Micro Group P90PE-WS Workstation

AST Advantage Model 7302 (P-120)
AST Advantage Model 7303 (P-133)
AST Advantage Model 7304 (P-166)
AST Advantage Model 9302 (P-120)
AST Advantage Model 9304 (P-133)
AST Advantage Model 9308 (P-166)
AST Bravo LC 4/100T
AST Bravo LCP-100 (P-100)

Single Processor Systems ***(Continued)***

AST, cont.
AST Bravo MS P/75
AST Bravo MS P/75 (Eagle) (P-75)
AST Bravo MS P/75 (Monaco) (P-75)
AST Bravo MS P/90)
AST Bravo MS P/100 (P-100)
AST Bravo MS P/100 (Eagle) (P-100)
AST Bravo MS P/100 (Monaco) (P-100)
AST Bravo MS P/120 (Eagle) (P-120)
AST Bravo MS P/133 (Eagle) (P-133)
AST Bravo MS P/133 (Monaco) (P-133)
AST Bravo MS P/166 (Monaco) (P-166)
AST Bravo MS 4/50d
AST Bravo MS 4/50s
AST Bravo MS 4/66d
AST Bravo MST P100 (P-100)
AST Bravo MST P120 (Eagle) (P-120)
AST Bravo MST P133 (P-133)
AST Bravo MST 6150 (PP-150)
AST Bravo MST 6180 Model 1600C (PP-180)
AST Bravo MST 6200 Model 2500C
AST Manhattan G
AST Manhattan P5090 (P-90)
AST Manhattan P Series 5100 (P-100)
AST Manhattan P5133 12003AE (1 CPU)
AST Manhattan S6200 Model 2003 (PP-200)
AST Manhattan S6200 Model 2003LC (PP-200)
AST Manhattan V5090 (P-90)[5]
AST PowerExec 4/33SL
AST Premium SE 4/50
AST Premmia GX (P-90) E-IDE
AST Premmia GX (P-90) Integrated SCSI[5]
AST Premmia GX (P-100)
AST Premmia GX (P-133)
AST Premmia MTE 4/66
AST Premmia MX 4/100t 486 DX4-100
AST Premmia MX P/75 (P-75)

AT&T GIS 3404 Server (P-90)

Austin Direct Affinity SE
Austin Direct Power System 66 (Pentium 66)

Single Processor Systems ***(Continued)***

C&S Vertriebs GmbH AMICUS Advanced (P-133)
C&S Vertriebs GmbH AMICUS Performance (P-100)
C&S Vertriebs GmbH (P-100-ISA-PCI)

Centerprise LEO-486 (486DX33)

Compaq Deskpro 4/33i
Compaq Deskpro 2000 (P-166)
Compaq Deskpro 2000 M6200 (PP-200)
Compaq Deskpro 5100 (P-150)
Compaq Deskpro 5133 (P-133)
Compaq Deskpro 5166 (P-166)
Compaq Deskpro 6000 Model 5166PDS (P-166)
Compaq Deskpro XE 450
Compaq Deskpro XE 560 (P-60)
Compaq Deskpro XL 466 (486DX2/66)
Compaq Deskpro XL 486 (486-66)
Compaq Deskpro XL 590 (P-90)
Compaq Deskpro XL 5120 (P-120)
Compaq Deskpro XL 6150 (PP-150)
Compaq Deskpro XL 6200 (PP-200)
Compaq Professional Workstation 5000 (PP-200)
Compaq ProLiant 800 (P6-200)
Compaq ProLiant 1000 Model 3121 (486DX2-66)
Compaq ProLiant 1500 (P-75)
Compaq ProLiant 1500 (1 CPU, P-100)
Compaq ProLiant 1500 (P-133)
Compaq ProLiant 1500 (P-166)
Compaq ProLiant 2000 (1 CPU, P-90)
Compaq ProLiant 2500 (PP-200)
Compaq ProLiant 4000 (1 CPU, P-90)
Compaq ProLiant 4500 (P-100)
Compaq ProLinea 4/33
Compaq ProLinea 5/133
Compaq ProLinea 575 (P-75)
Compaq ProLinea 6150E
Compaq ProSignia 300 (P-90)
Compaq ProSignia 300 (P-120)
Compaq ProSignia 300 5/150 (P-150)
Compaq ProSignia 300 Model 2100 (P-150)
Compaq ProSignia 500 (P-90)

Single Processor Systems ***(Continued)***

CompuAdd C4100D Low Profile (486DX4-100)
CompuAdd 450
CompuAdd C450D
CompuAdd C450D Low Profile
CompuAdd C4100D Low Profile (486DX4-100)
CompuAdd C466d
CompuAdd C466D Low Profile (486DX2-66)
CompuAdd CP90p
CompuAdd CP90p-LX Low Profile

CompuTrend PREMIO Model 5107-AL1 (P-66)
CompuTrend PREMIO Model 5107-AL3 (P-90)

Cube Corp. ATX 466D2
Cube Corp. PowerStation P66

DEC Celebris 590 Low Profile (P-90)
DEC Celebris GL5120/ST (P-120)
DEC Celebris XL 5100
DEC Celebris XL 6150 (PP-150)
DEC DECpc 466d2 MTE
DEC DECpc LVp+ (433sx/466d2/4100d4)
DEC Prioris HX 590 (P-90)[6]
DEC Venturis 5133 (P-133)

Single Processor Systems ***(Continued)***

Dell 433/DE
Dell 450/DE
Dell 466/ME
Dell 466/MX
Dell 466/T
Dell Dimension XPS P90
Dell Dimension XPS P100c
Dell Dimension XPS P120c
Dell Dimension XPS 6150 (PP-150)
Dell Dimension XPS Pro200n (PP-200)
Dell Omniplex 466
Dell Omniplex 560
Dell Omniplex 566
Dell Omniplex 590
Dell OptiPlex 486/LE MTE
Dell OptiPlex 560/L Low Profile (P-60)
Dell OptiPlex DGX 590
Dell OptiPlex DGX 5100
Dell OptiPlex DGX 5120
Dell OptiPlex DGX 5133 (P-133)
Dell OptiPlex DGX 5166 (P-166)
Dell OptiPlex GL 575 (P-75)
Dell OptiPlex GL 590 (P-90)
Dell OptiPlex GL 5100 (P-100)
Dell OptiPlex GL 5120 (P-120)
Dell OptiPlex GL 5133 (P-133)
Dell OptiPlex GL 5150 (P-150)
Dell OptiPlex GL+ 575 (P-75)
Dell OptiPlex GL+ 590 (P-90)
Dell OptiPlex GL+ 5100 (P-100)
Dell OptiPlex GL+ 5120 (P-120)
Dell OptiPlex GL+ 5133 (P-133)
Dell OptiPlex GL+ 5150 (P-150)
Dell OptiPlex GM 5133 (P-133)
Dell OptiPlex GM 5150 (P-150)
Dell OptiPlex GM+ 575 (P-75)
Dell OptiPlex GM+ 590 (P-90)
Dell OptiPlex GM+ 5100 (P-100)
Dell OptiPlex GM+ 5120 (P-120)
Dell OptiPlex GM+ 5133 (P-133)
Dell OptiPlex GM+ 5150 (P-150)

Single Processor Systems ***(Continued)***

Dell, cont.
Dell OptiPlex GMT 575 (P-75)
Dell OptiPlex GMT 590 (P-90)
Dell OptiPlex GMT 5100 (P-100)
Dell OptiPlex GMT 5120 (P-120)
Dell OptiPlex GMT 5133 (P-133)
Dell OptiPlex GMT 5150 (P-150)
Dell OptiPlex GMT+ 575 (P-75)
Dell OptiPlex GMT+ 590 (P-90)
Dell OptiPlex GMT+ 5133 (P-133)
Dell OptiPlex GMT+ 5150 (P-150)
Dell OptiPlex GS 5133 L+M Chassis (P-133)
Dell OptiPlex GS 5166-MMX L+M Chassis (P-166)
Dell OptiPlex GS 5200-MMX L+M Chassis (P-200)
Dell OptiPlex GS+ 5166
Dell OptiPlex GS+ 5200 (P-200)
Dell OptiPlex GX 575 (P-75)
Dell OptiPlex GX 590 (P-90)
Dell OptiPlex GX 5100 (P-100)
Dell OptiPlex GX 5120 (P-120)
Dell OptiPlex GX 5133 (P-133)
Dell OptiPlex GX 5150 (P-150)
Dell OptiPlex GX Pro 200
Dell OptiPlex GXi 5166 (P-166)
Dell OptiPlex GXi 5200 (P-200)
Dell OptiPlex GXi 5133 L+M Chassis (P-133)
Dell OptiPlex GXi 5166 MMX L+M Chassis (P-166)
Dell OptiPlex GXi 5200 MMX L+M Chassis (P-200)
Dell OptiPlex GXL 575 (P-75)
Dell OptiPlex GXL 590 (P-90)
Dell OptiPlex GXL 5100 (P-100)
Dell OptiPlex GXL 5120 (P-120)
Dell OptiPlex GXL 5133 (P-133)
Dell OptiPlex GXL 5150 (P-150)
Dell OptiPlex GXL 5166 (P-166)
Dell OptiPlex GXM 575 (P-75)
Dell OptiPlex GXM 590 (P-90)
Dell OptiPlex GXM 5100 (P-100)
Dell OptiPlex GXM 5120 (P-120)
Dell OptiPlex GXM 5133 (P-133)
Dell OptiPlex GXM 5150 (P-150)
Dell OptiPlex GXM 5166 (P-166)

Single Processor Systems ***(Continued)***

Dell, cont.
Dell OptiPlex GXMT 575 (P-75)
Dell OptiPlex GXMT 590 (P-90)
Dell OptiPlex GXMT 5100 (P-100)
Dell OptiPlex GXMT 5120 (P-120)
Dell OptiPlex GXMT 5133 (P-133)
Dell OptiPlex GXMT 5150 (P-150)
Dell OptiPlex GXMT 5166 (P-166)
Dell OptiPlex XL 575 (P-75)
Dell OptiPlex XL 590 (P-90)
Dell OptiPlex XL 5100 (P-100)
Dell OptiPlex XL 5120 (P-120)
Dell OptiPlex XM 575 (P-75)
Dell OptiPlex XM 590 (P-90)
Dell OptiPlex XM 5100 (P-100)
Dell OptiPlex XM 5120 (P-120)
Dell OptiPlex XMT 575 (P-75)
Dell OptiPlex XMT 590 (P-90)
Dell OptiPlex XMT 5100 (P-100)
Dell OptiPlex XMT 5120 (P-120)
Dell OptiPlex XMT 5133 (P-133)
Dell PowerEdge 466/XE
Dell PowerEdge SP 590
Dell PowerEdge 2100 (PP-180)
Dell PowerEdge 2100 (PP-200)
Dell SP5100-2 (P-100)

Diversified Technologies (DTI) LBE4520 (P-90)
Diversified Technologies (DTI) LBE4520 (P-100)

DTK FEAT-39 (DX4-100)
DTK QUIN-35D PCI (P-90)
DTK QUIN-35M PCI (P-90)
DTK QUIN-54/I (P-133)

Single Processor Systems ***(Continued)***

EIS Computers "The Client" (486/66 VLB)
EIS Computers "The Client P60" (P-60)
EIS Computers "The Developer" (486/66 EISA/VLB)
EIS Computers "The Developer P90" (P-90 PCI)
EIS Computers "The Developer P90i" (P-90 PCI)
EIS Computers "The Developer P100" (P-100 PCI)
EIS Computers "The Developer P100i" (P-100 PCI)
EIS Computers "The Developer P120" (P-120 PCI)
EIS Computers "The Developer P120i" (P-120)
EIS Computers "The Developer P120s" (P-120)
EIS Computers "The Developer P133" (P-133)
EIS Computers "The Developer P133i" (P-133)
EIS Computers "The Developer P133s" (P-133)
EIS Computers "The Developer-Pro 150i" (PP-150)
EIS Computers "The Developer-Pro 150s" (PP-150)
EIS Computers "The Developer-Pro 200s"

Elonex MT-5166/I (P-166)
Elonex PC-590-I

Everex Step DP (tested with 1 CPU, P-90)
Everex Step DPi (P-133)

Fujitsu FMV-466D (486DX2-66)
Fujitsu FMV-575D4L (P-75)
Fujitsu FMV-575D5 (P-75)[2]
Fujitsu FMV-590D3 (P-90)
Fujitsu FMV-590DE (P-90)
Fujitsu FMV-5100D4L (P-100)
Fujitsu FMV-5100D6 (P-100)
Fujitsu FMV-5100DE3 (P-100)[2]
Fujitsu FMV-5133D5 (P-133)[2]
Fujitsu FMV-5133D6 (P-133)
Fujitsu FMV-5133DE3 (P-133)[2]
Fujitsu FMV-5133DE4 (P-133)
Fujitsu FMV-5133T3 (P-133)[2]
Fujitsu FMV-5150T4 (P-150)
Fujitsu FMV-5166D5 (P-166)
Fujitsu FMV-5166D6 (P-166)
Fujitsu FMV-5166DE4 (P-166)
Fujitsu FMV-5200T4 (P-200)
Fujitsu FMV-6150T3 (PP-150)
Fujitsu FMV-6200T4 (PP-200)
Fujitsu ICL ErgoPro Desktop X450-90 (P-90)

Single Processor Systems ***(Continued)***

FutureTech 4100V (486 DX4-100)
FutureTech 462iV (i486 DX2-66)
FutureTech 5601P (P-60)
FutureTech FTS4414 (AMD486 DX-40)

Gateway 2000 486/33E
Gateway 2000 4DX2-66 (low profile)[3]
Gateway 2000 4DX2-66E
Gateway 2000 4DX2-66V
Gateway 2000 4SX-33 (low profile)[3]
Gateway 2000 G6-150 (PP-150)
Gateway 2000 G6-200 (PP-200)
Gateway 2000 P4D-66[3]
Gateway 2000 P4D-100 (486DX4-100)
Gateway 2000 P5-60
Gateway 2000 P5-66[3]
Gateway 2000 P5-75 (P-75)
Gateway 2000 P5-90 Tower
Gateway 2000 P5-120 Tower
Gateway 2000 P5-100 (P-100)[7]
Gateway 2000 P5-100 new revised motherboard (P-100)
Gateway 2000 P5-100XL (P-100)[7]
Gateway 2000 P5-120 (P-120)[8]
Gateway 2000 P5-133XL (P-133)

GCH Systems EasyData 590 (P4C-90)
GCH Systems Aegis 466 (i486DX2-66)
GCH Systems Aegis 466ES (i486DX2-66)

GoldStar GT51P PCI (P-60)

Hitachi FLORA 1010DK (P-60)
Hitachi FLORA 1010DL
Hitachi FLORA 1010DM (P-100)
Hitachi FLORA 1010DN
Hitachi FLORA DS1 (P-75)
Hitachi FLORA DS1 (P-100)
Hitachi FLORA DS1 (P-133)
Hitachi FLORA SA1 (P-166)
Hitachi FLORA SA1 (P-200)
Hitachi FLORA SM1 (PP-200)

Single Processor Systems ***(Continued)***

HP NetServer 4d/66LE (486DX2-66)[9]
HP NetServer 4d/66LM[10]
HP NetServer 5/66 LC (P-66)
HP NetServer 5/66 LF (P-66)
HP NetServer 5/133 LS (P-133)
HP NetServer LC 5/66 (P-66)
HP NetServer LM 5/100 (P-100)
HP Vectra VL 5/90 Series 3 PC (P-90)
HP Vectra VL2 4/100 PC (486DX4-100)
HP Vectra VL2 5/60 PC (P-60)
HP Vectra VL2 5/90 PC (P-90)
HP Vectra VT 6/150 PC (PP-150)
HP Vectra XA 6/200 PC (PP-200)
HP Vectra XM 5/90 Series 3 (P-90)
HP Vectra XM 5/100 Series 4 PC (P-100)
HP Vectra XM2 4/66i PC (486DX2-66)
HP Vectra XU 5/90 PC (P-90)
HP Vectra XU 5/90C PC (P-90)[11]
HP Vectra XU 5/133C PC (P-133)
HP Vectra XU 6/150 PC (PP-150)
HP Vectra XU 6/200 PC (PP-200)

Hyundai Phantom P-90 Desktop

I BUS ORCA (486DX4/100)
I BUS SHARK (P-133)

Single Processor Systems ***(Continued)***

IBM PC Server 310 Model 8639-ODO (P-133)
IBM PC Server 310 Model 8639-OEO (P-166)
IBM PC Server 310 Model 8639-OEV P-166)
IBM PC Server 310 Model 8639-OXT (P-75)
IBM PC Server 320 Model 8640-EEV (P-166)
IBM PC Server 320 Model 8640-ODO (P-133)
IBM PC Server 320 Model 8640-ODV (P-133)
IBM PC Server 320 Model 8640-ONJ (486DX2-66)
IBM PC Server 320 Model 8640-OPT (P-180)
IBM PC Server 325 Model 8640-ES0 (PP-200)
IBM PC Server 325 Model 8639-EJO (PP-180)
IBM PC Server 325 Model 8640-ESV (PP-200)
IBM PC Server 330 Model 8640-EM2 (PP-200)
IBM PC Server 500 Model 8641-OYR (P-90)
IBM PC Server 500 Model 8641-OYT (P-90)
IBM Personal Computer 300 Series Model 6571
IBM Personal Computer 300 Series Model 6575
IBM Personal Computer 300 Series Model 6581
IBM Personal Computer 300 Series Model 6585
IBM Personal Computer 330 Model 6576 (P-75)
IBM Personal Computer 330 Model 6576 (P-133)
IBM Personal Computer 340 Model 6560-79M (P-133)
IBM Personal Computer 350 Model 6587-LBV (P-200 MMX)
IBM Personal Computer 350-100DX4
IBM Personal Computer 360 Model 6589 (PP-200)
IBM Personal Computer 360 Model 6589-12U (PP-200)
IBM Personal Computer 360 Model 6598 (PP-150)
IBM Personal Computer 365 Model 6589-10U (PP-200)
IBM Personal Computer 365 Model 6589-12U (PP-200)
IBM Personal Computer 700 Series Model 6875
IBM Personal Computer 730 Model 6877-KAZ (P-100)
IBM Personal Computer 750 Model 6885 (P-75)
IBM Personal Computer 750 Model 6885-35H (P-75)
IBM Personal Computer 750 Model 6885-JOM (P-90)
IBM PS/2 Model 76 (9576-*xxx*)
IBM PS/2 Model 95 XP486 (9595-OL)
IBM PS/2 Model 95 XP486 (9595-OM)
IBM PS/2 Server 95 (9595-3QT)[6]
IBM PS/2 Server 95 (9595-OPT)[6]
IBM PS/ValuePoint 466DX2/D
IBM PS/ValuePoint P60/D
IBM PS/ValuePoint Performance Series 486 DX2/66 Dp

Single Processor Systems ***(Continued)***

Industrial CPU Systems PC (P-133)

Infotel Ultra P5-75 PCI
Infotel Ultra P5-90 PCI Minitower
Infotel Ultra P5-100 PCI
Infotel Ultra P5-120 PCI

Intel Advanced/AL (Aladdin-Triton) (P-90)
Intel Advanced/AS (Atlantis) (P-166)
Intel Advanced/ATX
Intel Advanced/EV Pentium/100
Intel Advanced/EV (Endeavor) (P-75)
Intel Advanced/EV (Endeavor) (P-90)
Intel Advanced/EV (Endeavor) (P-100)
Intel Advanced/EV (Endeavor) (P-120)
Intel Advanced/EV (Endeavor) (P-133)
Intel Advanced/EV (Endeavor) (P-150)
Intel Advanced/EV (Endeavor) (P-166)
Intel Advanced/ML (Marl) (P-133)
Intel Advanced/MN (Morrison) (P-100)
Intel Advanced/PO (P-133)
Intel Advanced/RH (Rhinestone) (P-133)
Intel Advanced/RH (Rhinestone) (P-200)
Intel Advanced/VS (Venus) (PP-180)
Intel Advanced/VS (Venus) (PP-200)
Intel Advanced/ZE Mini-tower (P-100)
Intel Advanced/ZP (Zappa-Triton) (P-90)
Intel ALTserver Altair (P-150)
Intel ALTserver Altair (P-166)
Intel AP450GX MP Server (1 CPU version) (PP-200)
Intel Express 486/DX33
Intel Express Pentium/60
Intel Express Pentium/90
Intel L486-Series Professional GX (486DX2-66)
Intel Pentium Pro Performance/AU
Intel Pentium Pro Performance/AU ATX
Intel Performance/AU (PP-180)
Intel Performance/AU (PP-200)
Intel Premiere/PCI LX (Plato) (P-90)
Intel R440FX UP Server (PP-200)
Intel RC440FX UP Server (PP-200)

Single Processor Systems ***(Continued)***

Intergraph TD-1 (486DX2-66)
Intergraph TD-2 (P-66)
Intergraph TD-3 (P-90)
Intergraph TD-30 (P-90)[12]
Intergraph TD-300 (PP-150)
Intergraph TD-300 (PP-200)
Intergraph TD-310 (PP-200)

Inves BS-486-VS i486 DX2-50

IPEX Desktop Model PCI-I-133 (P-133)

Leading Edge Fortiva Series 3000 (486DX2-50)
Leading Edge Fortiva Series 4000 (Cyrix 486DLC-40)[1]
Leading Edge Fortiva Series 5000 (486DX2-66)
Leading Edge MT 6000 (P-90)
Leading Edge MT 6000 Tower (P-90)
Leading Edge Valience Desktop DT4000

Metrologie P60 Tower (Intel Express P-60)
Metrologie Premiere/PCI P60 Desktop (Intel Mercury)

Microbus European Data Systems iBOX (486DX-33)[13]

Micron 486PCI MAGNUM (486 DX4-100)
Micron Home MPC (P-90)
Micron Home MPC (P-166)
Micron Magnum Plus Pro200 IDE version (PP-200)
Micron Magnum Plus Pro200 SCSI version (PP-200)
Micron Millennia 100 (P-100)
Micron Millennia P166 (P-166)
Micron Millennia Plus (P-133)
Micron Millennia Plus 166 (P-166)
Micron P90PCI PowerStation[14]
Micron P90PCI PowerStation Mini-Tower, Plug and Play (P-90)

Midwest Micro P5-75 PCI
Midwest Micro P5-100 PCI
Midwest Micro P5-120 PCI
Midwest Micro Desktop 486DX2-66 (486DX2/66)
Midwest Micro Minitower P5-90

NCR 3333 (486DX2/66)
NCR 3269-200 (PP-200)
NCR 3269-300 (PP-200)

Single Processor Systems ***(Continued)***

NEC Express 5800 (P-120)
NEC Express 5800/120Pro (PP-200)
NEC Powermate Pro-2200 (PP-200)

NJA Triton T-01W (P-133)

Olivetti M4-82[15]
Olivetti M6-420
Olivetti M6-440[16]
Olivetti M6-450[16]
Olivetti M6-460[16]
Olivetti M6-640[6]
Olivetti M6-750[15,17]
Olivetti M6-760[15,17]
Olivetti M6-770[15,17]
Olivetti M6-850[1,6]
Olivetti M6-860[6]
Olivetti M6-880[6]
Olivetti SNX-140[1,6]
Olivetti SNX-160UP (P-90)

OMEGABYTE SolarSTATION XP 75 (P-75)
OMEGABYTE SolarSTATION XP 90 (P-90)
OMEGABYTE SolarSTATION XP 100 (P-100)
OMEGABYTE SolarSTATION XP 120 (P-120)
OMEGABYTE SolarSTATION XP 133 (P-133)
OMEGABYTE SolarSTATION XP 166 (P-166)
OMEGABYTE SolarSTATION XPR 150 (PP-150)
OMEGABYTE SolarSTATION XPR 200 (PP-200)

Packard Bell Axcel Series[18]
Packard Bell Executive Series[18]
Packard Bell Force Series[18]
Packard Bell Legend Series[18]
Packard Bell Pack-Mate Series[18]
Packard Bell PRO Series[18]

Packard Bell NEC MultiMedia F170 (P-166)
Packard Bell NEC Z-Station GT Pro (PP-200)

Peacock-AG AT 486 DX-40 Professional Plus Desktop
Peacock-AG LAN-Station AT 486 DX-40 LN4

Single Processor Systems ***(Continued)***

Research Machines PC-425S (486SX/25)
Research Machines PC-450S Accelerator (486SX2-50)
Research Machines PC-560 Accelerator (P-60)
Research Machines PC-590 Professional (P-90)[19]

R Style Proxima (P-90)

Samsung Magic Power SPC8500(P-90)
Samsung Magic Power SPC8500 (P-133)
Samsung Magic Power SPC8500PA (P-133)
Samsung SWS 520/90 (P-90)
Samsung SWS 520/100 (P-100)
Samsung SWS 520/133 (P-133)

Siemens ANL Siix Server 1 (486 DX2-50)

Siemens Nixdorf AG PCD-5H (P-133 Desktop)
Siemens Nixdorf AG Primergy 150 (P-120)
Siemens Nixdorf AG Primergy 151 (P-166)
Siemens Nixdorf AG Primergy 160 (PP-200)
Siemens Nixdorf_AG Primergy 160 (K423-V7**) (PP-200)
Siemens Nixdorf AG Scenic Pro C5 (P-166)
Siemens Nixdorf AG Scenic Pro C6 (PP-200)
Siemens Nixdorf AG Scenic Pro M5 (P-200)
Siemens Nixdorf AG Scenic Pro M6 (PP-200)
Siemens Nixdorf PCD-4H/VL (486DX2-50)
Siemens Nixdorf PCD-4H/VL (486DX2-66)
Siemens Nixdorf PCD-4H/PCI (486DX2-66)
Siemens Nixdorf PCD-5H (P-60 PCI)[20]
Siemens Nixdorf PCD-5H (P-90)
Siemens Nixdorf PCD-5T
Siemens Nixdorf PCE-5S

TAGRAM Platinum (P-66)
TAGRAM ThunderBolt (P-66)

TAKAOKA Electric MiNT PC5133s3
TAKAOKA Electric MiNT PC590d2 Desktop (P-90)
TAKAOKA Electric MiNT PC590t2 Tower (P-90)
TAKAOKA Electric MiNT PC5166d4 Desktop (P-166)
TAKAOKA Electric MiNT PC5166t4 Tower (P-166)
TAKAOKA Electric MiNT PC5200d4 Desktop (P-200)
TAKAOKA Electric MiNT PC5200t4 Tower (P-200)
TAKAOKA Electric MiNT PC6200d Desktop (PP-200)

Single Processor Systems ***(Continued)***

Toshiba J-3100 PV (486SX-25 ODP)
Toshiba J-3100 PV2 (486DX2-66)

Tulip 4-Series DE PCI (486DX2-66)
Tulip 5-Series DE PCI (P-90)
Tulip 4-Series DE EISA (486DX2-66)
Tulip 4-Series DS PCI (486DX2-66)
Tulip 5-Series DS PCI (P-90)
Tulip 4-Series DS EISA (486DX2-66)
Tulip 4-Series DT ISA (486DX2-66)
Tulip 4-Series DT PCI (486DX2-66)
Tulip 5-Series DT PCI (P-90)
Tulip 4-Series TR EISA (486DX2-66)
Tulip Vision Line DE5-200 (PP-200)[21]
Tulip Vision Line DS6-200 (PP-200)[22]
Tulip Vision Line DS6-200S (PP-200)[23]
Tulip Vision Line DT5-133 (P-133)[24]
Tulip Vision Line DT5-133S (P-133)[25]
Tulip Vision Line TR6-SMP1 (PP-200)[26]

Unisys Aquanta DM Model CMT-520074 (P-200)
Unisys Model SVD-II P166 with 2940SCSI
Unisys Model SVD-II P166 with int7870SCSI
Unisys U6000/DT2
Unisys U6000/100
Unisys U6000/300

Viglen Contender Professional 4DX266
Viglen Genie PCI Professional 4DX266
Viglen Genie PCI Pro 200
Viglen Genie PCI P5-133
Viglen Genie PCI Tower P5-90

WellStone EZ-Go Type-1 Tower (P-90)
WellStone EZ-Go Type-2 Tower (P-120)
WellStone SWS 5090 (P-90)
WellStone SWS 6200 Tower (PP-200)

Wyse Decision 486se
Wyse Decision 486Gsi (DX2/66)
Wyse Series 6000i Model 650
Wyse Series 6000i Model 665

Single Processor Systems ***(Continued)***

Zenith Data Systems Z-Select 100 XE Minitower (486DX2-66)
Zenith Data Systems Z-Select PT (P-60)
Zenith Data Systems Z-Server EX P90E Model 1000
Zenith Data Systems Z-Server EX P90E Model 1000A
Zenith Data Systems Z-Server LT 433DE Model 1000
Zenith Data Systems Z-Server LT 433DE Model 1000A
Zenith Data Systems Z-Server LT 450DE Model 1000
Zenith Data Systems Z-Server LT 450DE Model 1000A
Zenith Data Systems Z-Server LT 466XE Model 1000
Zenith Data Systems Z-Server LT P60E Model 1000
Zenith Data Systems Z-Server LT P60E Model 1000A
Zenith Data Systems Z-Server MX (P-100)
Zenith Data Systems Z-Server MX+Mylex (P-100)
Zenith Data Systems Z-Server WG P90 (P-90)
Zenith Data Systems Z-Station 510 Minitower (486DX4-100)
Zenith Data Systems Z-Station EL (P-133)
Zenith Data Systems Z-Station EX Model II (P-90)
Zenith Data Systems Z-Station GT-575 (P-75)
Zenith Data Systems Z-Station GT-5100
Zenith Data Systems Z-Station GT-5120
Zenith Data Systems Z-Station GT-5133 (P-133)
Zenith Data Systems Z-Station GT-5150
Zenith Data Systems Z-Station GT-5166
Zenith Data Systems Z-Station GT Pro (IDE) (PP-200)
Zenith Data Systems Z-Station GT Pro-S (SCSI) (PP-200)
Zenith Data Systems Z-Station LX Pro (PP-180)
Zenith Data Systems Z-Station LX Pro (PP-200)
Zenith Data Systems Z-Station LX Pro-S (SCSI) (PP-200)
Zenith Data Systems Z-Station VP (486DX4/100)
Zenith Data Systems Z-Station VP (P-90)
Zenith Data Systems Z-Station VP (P-100)
Zenith Data Systems Z-Station VP (P-120)
Zenith Data Systems Z-Station VP (P-133)

1. Requires substituting the video card with one supported by Solaris 2.5/2.5.1.
2. Requires substituting the network card with one supported by Solaris 2.5/2.5.1.
3. Must use a CD-ROM drive supported by Solaris 2.5/2.5.1 .
4. This model is an MP server but has only been tested with one CPU.

5. Additional configuration is required to install Solaris 2.5/2.5.1 on this system; refer to the notes on "Memory Mapping Problems" in *x86: Solaris 2.5x Installation Notes* for information.
6. Server System. Integrated video currently only works in 640x480 VGA mode.
7. Requires non-default BIOS settings for proper operation.
8. The three-disk CD-ROM changer is not supported at this time.
9. Select "Trident 9000" when configuring the display adapter, and be sure to upgrade the video RAM on the motherboard.
10. System must be upgraded to a minimum of 1-Mbyte video memory and a minimum of 32-Mbytes system memory.
11. Due to a manufacturer's part change, integrated video not supported on some versions at time of certification test .
12. PC Card support not available at time of system certification.
13. The design of the Cache controller requires that you map out the memory range used by the SCSI controller, or the system will not work; the on-board hardware watchdog circuit R39 must also be disabled.
14. Warning: FLASH BIOS must be write-protected *before* attempting to install the Solaris software; remove jumper JP9 on the motherboard and use BIOS revision -10 or later.
15. Only tested with vendor's ATI Mach32 video option.
16. Integrated audio chip not currently supported.
17. Must set Adaptec SCSI BIOS to address cc000.
18. This series of machines comes in various models and configurations. If the FCC ID label on the back panel of your machine contains one of the three-digit codes 430, 450, 470, 520, or 550, then it is based on a platform that was tested for compatibility and should run Solaris 2.5/2.5.1 x86. However, ensure that other optional equipment and subsystems on your specific model are listed in this document.
19. The newer version of this system had BIOS compatibility issues at the time of test. Also, attach the CD-ROM to the primary IDE channel.
20. Built-in ATI video card currently only supported in 43-Hz mode.
21. For Solaris compatibility, specify an STB S3 Trio video system by requesting option DE-I5-200-2 -SFC12-E16/1-DU-3P4I-U at time of order.
22. For Solaris compatibility, specify an STB S3 Trio video system by requesting option DS-16-200-1.2-IFC8-E32/1S-DF-4P4I-U at time of order.
23. For Solaris compatibility, specify an STB S3 Trio video system by requesting option DS-16-200-2-SFC8-E32/1S-DF-4P4I-U at time of order.
24. For Solaris compatibility, specify an STB S3 Trio video system by requesting option DT-15-133-1.2-IFC8-E16/1S-CU-2P2I-U at time of order.
25. For Solaris compatibility, specify an STB S3 Trio video system by requesting option DT-15-133-2-SFC8-E16/1S-CU-2P2I-U at time of order.
26. For Solaris compatibility, specify an STB S3 Trio video system by requesting option TR-16-200-4.0W-SFC4-P64/1S-4P2I-U at time of order.

Multiprocessor Systems (SMP)[1]

Acer AcerAltos 7000/P (2 CPUs, P-90)
Acer AcerAltos 9000/Pro-200 SMP (2 CPUs, PP-200)
Acer AcerAltos 19000 SMP (2 CPUs, PP-200)
Acer AcerAltos 19000 SMP Plus Raid (2 CPUs, PP-200)
Acer AcerFrame Model 3000MP (2 CPUs)

ALR Evolution (2 CPUs, PP-200)
ALR Evolution Dual6 (2 CPUs, PP-200)
ALR Evolution V STe/75 (2 CPUs, P-75)
ALR Evolution Q/MP2 100 (2 CPUs, P-100)
ALR Proveisa SMP (2 CPUs)
ALR Rack Mountable Revolution Quad6-200 w/ 256 cache (4 CPUs, PP-200)
ALR Revolution Dual 6 (2 CPUs, PP-200)
ALR Revolution MP II (2 CPUs, P-166)
ALR Revolution MP II (2 CPUs, P-200)
ALR Revolution MP Pentium 90 (2 CPUs)
ALR Revolution MP 100 (2 CPUs, P-100)
ALR Revolution MP 166 (2 CPUs, P-166)
ALR Revolution Q-SMP PCI-Version (2 CPUs, P-100)
ALR Revolution Q-SMP PCI-Version (4 CPUs, P-166)
ALR Revolution Q-SMP Pentium/90 (2, 3, & 4 CPUs)
ALR Revolution Q-SMP Pentium/100 (2 CPUs)
ALR Revolution Q-SMP Pentium/100 (4 CPUs)
ALR Revolution Quad6-200 (2 CPUs, PP-200)
ALR Revolution Quad6-200 (3 CPUs, PP-200)
ALR Revolution Quad6-200 (4 CPUs, PP-200)
ALR Revolution VQ/4SMP (4 CPUs, P-166)

Amdahl Envista Server (4 CPUs, PP-166)

American Megatrends Titan-II PCI EISA (2 CPUs)

AMG Pro200SMP-2N Server (2 CPUs, PP-200)

Multiprocessor Systems (SMP)[1] *(Continued)*

AST Manhattan SMP 486/33 (4 CPUs)
AST Manhattan SMP P/60 (4 CPUs)
AST Manhattan P5090 (2 CPUs, P-90)[2]
AST Manhattan P5100 (2 CPUs)
AST Manhattan P5133 (2 CPUs)
AST Manhattan S6200 Model 2003LC (2 CPUs, PP-200)
AST Manhattan V5090 (2 CPUs, P-90)[2, 3]
AST Manhattan V5100 (2 CPUs)
AST Premmia GX (2 CPUs, P-90) Integrated E-IDE
AST Premmia GX (2 CPUs, P-90) Integrated SCSI[3]
AST Premmia GX (2 CPUs, P-100)
AST Premmia GX (2 CPUs, P-133)

AT&T GIS Globalyst S40 (4 CPUs, P-100)

Austin Direct Affinity SE (2 CPUs, P-90)

C&S Vertriebs GmbH (2 CPUs, P-90, EISA/PCI)
C&S Vertriebs GmbH AMICUS Strategy (2 CPUs, P-133)

Compaq Professional Workstation 5000 (2 CPUs, PP-200)
Compaq ProLiant 800 (2 CPUs, P6-200)
Compaq ProLiant 1500 (2 CPUs, P-133)
Compaq ProLiant 1500 (2 CPUs, PP-200)
Compaq ProLiant 2000 (2 CPUs, P-90)
Compaq ProLiant 2500 (2 CPUs, PP-200)
Compaq ProLiant 4000 (4 CPUs, P-90)
Compaq ProLiant Server 4500/166 (2 CPUs, P-166)
Compaq ProLiant Server 4500/166 (4 CPUs, P-166)
Compaq ProLiant 5000 (4 CPUs, PP-166)[4]

Data General Aviion 3000 Server (2 CPUs, P-100)

DEC Celebris XL 590DP (2 CPUs, P-90)
DEC Celebris XL 5166DP (2 CPUs, P-166)
DEC Prioris HX 590DP (2 CPUs, P-90)
DEC Prioris XL Server 5200DP (2 CPUs, PP-200)
DEC Prioris ZX 6166 MP2 (2 CPUs, PP-166)
DEC Prioris ZX 6200 MP2 (2 CPUs, PP-200)

Multiprocessor Systems (SMP)[1] *(Continued)*

Dell OptiPlex DGX 590 (2 CPUs, P-90)
Dell OptiPlex DGX 5100 (2 CPUs, P-100)
Dell OptiPlex DGX 5120 (2 CPUs, P-120)
Dell OptiPlex DGX 5133 (2 CPUs, P-133)
Dell OptiPlex DGX 5166 (2 CPUs, P-166)
Dell OptiPlex GX Pro 180 (2 CPUs, PP-180)
Dell OptiPlex GX Pro 200 (2 CPUs, PP-200)
Dell PowerEdge 4100 (2 CPUs, PP-200)
Dell PowerEdge SP 5100 (2 CPUs, P-100)
Dell PowerEdge XE 590-2 with DSA (2 CPUs, P-90)

Diversified Technologies (DTI) LBE-4520 DP (2 CPUs, P-90)

DTK QUIN-52M DP90 (2 CPUs, P-90)

EIS Computers Mega Developer 200-4 (4 CPUs, PP-200)
EIS Computers Monster Developer Pro (2 CPUs, PP-200)
EIS Computers Monster Developer Pro (4 CPUs, PP-200)
EIS Computers Super Developer Pro (2 CPUs, PP-200)
EIS Computers Super Developer Pro II (2 CPUs, PP-200)
EIS Computers "The Developer" (2 CPUs, P-90 MP)
EIS Computers "The Developer" (2 CPUs, P-100 MP)
EIS Computers "The Developer-Pro 200" (2 CPUs, PP-200)
EIS Computers "The Server" (2 CPUs, P-90 MP)
EIS Computers "The Server" (2 CPUs, P-100 MP)

Elonex MT-5133-I (2 CPUs, P-133)

Everex Step DP (2 CPUs, P-90)
Everex Step DPi (2 CPUs, P-133)

Fujitsu GranPower5000 Model 760 (2 CPUs, PP-200)

Hitachi FLORA 3010DV (2 CPUs, P-90)
Hitachi FLORA 3100BP (2 CPUs, P-90)
Hitachi FLORA 3100LP (8 CPUs, P-100)
Hitachi FLORA 3100SP (2 CPUs, P-90)[5]
Hitachi FLORA SB1 (2 CPUs, PP-200)
Hitachi FLORA SM1 PC 6SM01 1800HA (2 CPUs, PP-180)
Hitachi FLORA SM1 PC 6SM01 18080A (2 CPUs, PP-180 w/RAID)
Hitachi FLORA SS1 (2 CPUs, PP-200)

Multiprocessor Systems (SMP)[1] *(Continued)*

HP NetServer 5/66 LM-2 (2 CPUs)[2]
HP Vectra XU 5/90C PC (2 CPUs, P-90)[6]
HP Vectra XU 5/133C PC with Matrox Video (2 CPUs, P-133)
HP Vectra XU 6/150 PC (2 CPUs, P-150)

IBM PC Server 320 Model 8640-EE0 (2 CPUs, P-166)
IBM PC Server 320 Model 8640-EEV (2 CPUs, P-166)
IBM PC Server 320 Model 8640-0Z0 (2 CPUs, P-100)
IBM PC Server 320 Model 8640-0ZV (2 CPUs, P-100)
IBM PC Server 320 Model 8640-1D0 (2 CPUs, P-133)
IBM PC Server 320 Model 8640-1DS (2 CPUs, P-133)
IBM PC Server 320 Model 8640-1Z0 (2 CPUs, P-100)
IBM PC Server 320 Model 8640-MDO (2 CPUs, P-133)
IBM PC Server 320 Model 8640-MDS (2 CPUs, P-133)
IBM PC Server 320 Model 8640-MDV (2 CPUs, P-133)
IBM PC Server 320 Model 8640-MXO (2 CPUs, P-75)
IBM PC Server 320 Model 8640-MXT (2 CPUs, P-75)
IBM PC Server 320 Model 8640-OXO (2 CPUs, P-75)
IBM PC Server 320 Model 8640-OXT (2 CPUs, P-75)
IBM PC Server 320 Model 8640-OYT (2 CPUs, P-90)
IBM PC Server 325 Model 8639-EJO (2 CPUs, PP-180)
IBM PC Server 325 Model 8639-ES0 (2 CPUs, P-200)
IBM PC Server 325 Model 8639-ES0 (2 CPUs, PP-200)
IBM PC Server 325 Model 8639-ESV (2 CPUs, P-200)
IBM PC Server 325 Model 8639-ESV (2 CPUs, PP-200)
IBM PC Server 325 Model 8639-RS0 (2 CPUs, P-200)
IBM PC Server 325 Model 8639-RS0 (2 CPUs, PP-200)
IBM PC Server 325 Model 8640-ESO (2 CPUs, PP-200)
IBM PC Server 325 Model 8640-ESV (2 CPUs, PP-200)
IBM PC Server 330 Model 8640-EM2 (2 CPUs, PP-200)
IBM PC Server 520 Model 8641-ED2 (2 CPUs, P-133)
IBM PC Server 520 Model 8641-EDG (2 CPUs, P-133)
IBM PC Server 520 Model 8641-EDV (2 CPUs, P-133)
IBM PC Server 520 Model 8641-EZ1 (2 CPUs, P-100)
IBM PC Server 520 Model 8641-EZE (2 CPUs, P-100)
IBM PC Server 520 Model 8641-EZO (2 CPUs, P-100)
IBM PC Server 520 Model 8641-EZS (2 CPUs, P-100)
IBM PC Server 520 Model 8641-EZV (2 CPUs, P-100)

Multiprocessor Systems (SMP)[1] *(Continued)*

IBM, cont.
IBM PC Server 520 Model 8641-MDV (2 CPUs, P-133)
IBM PC Server 520 Model 8641-MZE (2 CPUs, P-100)
IBM PC Server 520 Model 8641-MZL (2 CPUs, P-100)
IBM PC Server 520 Model 8641-MZO (2 CPUs, P-100)
IBM PC Server 520 Model 8641-MZS (2 CPUs, P-100)
IBM PC Server 520 Model 8641-MZV (2 CPUs, P-100)
IBM PC Server 704 Model 8650-12U (4 CPUs, PP-166)
IBM PC Server 720 Model 8642-1ZO (2 CPUs, P-100)
IBM PC Server 720 Model 8642-4ZS (2 CPUs, P-100)
IBM PC Server 720 Model 8642-OZO (2 CPUs, P-100)
IBM Personal Computer 300 Model 6589-12U (2 CPUs, PP-200)

Intel Advanced EV Endeavour (2 CPUs, P-166)
Intel ALTserver Altair (2 CPUs, P-100)
Intel AP450GX MP Server (4 CPUs, PP-166)
Intel AP450GX MP Server (4 CPUs, PP-200)
Intel BB440FX Server (Buckeye) (2 CPUs, PP-200)
Intel Express (4 CPUs, P-100)
Intel Express Dual Pentium 60 (2 CPUs)
Intel Express Dual Pentium 66 (2 CPUs)
Intel OEM Xtended Xpress (4 CPUs, P-100)
Intel PR440FX (2 CPUs, PP-180)
Intel Xtended Xpress Server (2 CPUs, P-133)
Intel Xtended Xpress Server (2 CPUs, P-166)
Intel Xtended Xpress Server (4 CPUs, P-166)

Intergraph ISP32 (2 CPUs, P-90)
Intergraph ISMP22 (2 CPUs, P-90)
Intergraph ISMP32 (2 CPUs, P-90)
Intergraph ISMP6 (6 CPUs, P-100)
Intergraph ISMP620 (2 CPUs, PP-150)
Intergraph ISMP640 (4 CPUs, PP-200)
Intergraph TD-4 (2 CPUs, P-90)
Intergraph TD-4 (2 CPUs, P-100)
Intergraph TD-40 (2 CPUs, P-100)
Intergraph TD-400 (2 CPUs, PP-150)
Intergraph TD-410 (2 CPUs, PP-200)
Intergraph TD-5 (2 CPUs, P-90)

Multiprocessor Systems (SMP)[1] *(Continued)*

Micron Millennia Pro2-400-Plus (2 CPUs, PP-200)
Micron PowerServer SMP (P-90)
Micron PowerServer SMP (P-133)
Micron PowerServer SMP P-266 (2 CPUs, P-133)
Micron Vetix 2LXI (2 CPUs, PP-200)
Micron Vetix EL 2000 (2 CPUs, PP-200)
Micron Vetix EL 2000 IDE Version (2 CPUs, PP-200)

Olivetti SNX-160MP (2 CPUs, P-90)
Olivetti SNX-400RS (4 CPUs, P-133)

OMEGABYTE SolarSERVER XPR180/D (2 CPUs, PP-180)

Peacock AG LAN Server Model SSE 8332 (Dual Pentium 66 Intel Express)

Samsung Magic Power SPC 8500-P (2 CPUs, P-90)
Samsung Magic Power SPC 8500-P (2 CPUs, P-100)
Samsung Magic Power SPC 8500-P (2 CPUs, P-133)
Samsung SmartNet Server Model 625 (2 CPUs, PP-200)
Samsung SmartNet Server Model 645 (4 CPUs, PP-200)
Samsung Smart Station 620 (2 CPUs, PP-180)
Samsung SWS 520/90 (2 CPUs, P-90)
Samsung SWS 520/100 (2 CPUs, P-100)
Samsung SWS 520/133 (2 CPUs, P-133)

Siemens Nixdorf AG PCD-5T (2 CPUs, P-100)
Siemens Nixdorf AG PCE-5Smp (4 CPUs, P-133)
Siemens Nixdorf AG Primergy 350 (2 CPUs, P-90)
Siemens Nixdorf AG Primergy 351 (2 CPUs, P-133)
Siemens Nixdorf AG Primergy 360 (2 CPUs, PP-200)
Siemens Nixdorf AG Primergy 550 (2 CPUs, P-133)
Siemens Nixdorf AG Primergy 551 (2 CPUs, P-200)
Siemens Nixdorf AG Primergy 560 (4 CPUs, PP-200)
Siemens Nixdorf PCD-5T/PCI90de (2 CPUs, P-90)
Siemens Nixdorf PCE-5Smp (4 CPUs, P-100)
Siemens Nixdorf PCE-5Smp (4 CPUs, P-133)

Toshiba SV3000 100HM (2 CPUs, P-100)

Tricord PowerFrame Enterprise Server ES3000[7] (4 CPUs)
Tricord PowerFrame Enterprise Server ES4000[7] (6 CPUs)
Tricord PowerFrame Enterprise Server ES5000[7] (6 CPUs)

Tulip Vision Line TR6-SMP2 (2 CPUs, PP-200)[8]

Multiprocessor Systems (SMP)[1] *(Continued)*

Unisys 5400 (2 CPUs, P-100)
Unisys 6000/500 Model 20 (2 CPUs)[9]
Unisys Model SFE (4 CPUs, PP-166)
Unisys Model SVD-II (2 CPUs, P-166)

Viglen ProPenta Server (4 CPUs, PP-200)
Viglen XX-Server-ZX (2 CPUs, P-100)

Wyse Series 7000i, Model 760MP (4 CPUs)
Wyse 7000-760MP DX2-66 (3 CPUs)
Wyse 7000-765MP P66 (2 CPUs)

Zenith Data Systems Z-Server EX DP66E Model 1000 (2 CPUs)
Zenith Data Systems Z-Server MX Dual P-133 (2 CPUs, P-133)
Zenith Data Systems Z-Server MX Dual P-166 (2 CPUs, P-166)
Zenith Data Systems Z-Server MX Quad P-166 (4 CPUs, P-166)
Zenith Data Systems Z-Server WG P90 (2 CPUs, P-90)

1. The number of CPUs following each entry indicates the number of processors in the MP system as tested.
2. Only tested in VGA mode due to integrated video memory size.
3. Additional configuration is required to install Solaris 2.5x on this system; refer to the notes on "Memory Mapping Problems" in *x86: Solaris 2.5x Installation Notes* for information.
4. Before installing Solaris on a ProLiant 5000, you must run the EISA configuration utility that came with your computer to enable APIC mode. For additional information, call your vendor's technical support number.
5. Must use a CD-ROM drive supported by Solaris 2.5/2.5.1.
6. Due to a manufacturer's part change, integrated video not supported on some versions at time of certification test.
7. Requires custom Solaris boot diskette to be supplied by Tricord.
8. For Solaris compatibility, specify an STB S3 Trio video system by requesting option TR-16T-200-4.0W-SFC4-P64/1S-4P4I-U at time of order.
9. Must upgrade the system BIOS to V3.03.

Notebook Computers (Prior to March 1996)

The following notebook computers have been certified for standard Solaris operation. Although some specific portable/nomadic computing capabilities have been provided in Solaris, not all of the features and devices found on these notebooks are currently supported. Many of these notebooks were tested prior to the development of the formal notebook test plan now in use, so some functionality may be limited. For additional information on using notebooks with the Solaris product, see the online document Solaris 2.5 x86 Notebook Supplement Guide, part number 802-5028-10 (available through the Internet and other locations; call your technical support provider). Note that installation (booting) using PCMCIA devices is not currently supported.

Ambra SN425C[1]

AST Ascentia 800N 486SX/33
AST Ascentia 900N 4/50
AST Ascentia 900N 4/75
AST Ascentia 910N (486DX2-50)
AST Power Exec 4/33 ColorPlus

Compaq LTE 4/25C
Compaq LTE 4/33
Compaq LTE Elite

Dell Latitude XP (DX4-100)

Ergo Powerbrick PN312/TFT (486DX4-100)

Everex StepNote (486DX4-100)

Fujitsu FMV-450NL/S (SL DX2-50)
Fujitsu FMV-5120 NAW

Gateway 2000 ColorBook 486DX4-75

IBM Model 755cx TFT Video (P-75)
IBM ThinkPad 750
IBM ThinkPad 750C
IBM ThinkPad 755C DX2/50

Notebook Computers (Prior to March 1996)

NEC Versa/33
NEC Versa/50
NEC Versa/P

Panasonic CF-V21P

SiO Technologies FT-500 DX2/66

Tadpole 1000

Texas Instruments 4000E
Texas Instruments 5000

Toshiba 2400CT
Toshiba T1950CT
Toshiba T3400 [2]
Toshiba T3600
Toshiba T4400C[3]
Toshiba T4600 [3]
Toshiba T4700C [3]
Toshiba T4850CT (486DX4-100)
Toshiba T4800 [2]
Toshiba T4900CT (P-75)[4]
Toshiba DynaBook SS475 051CT (486DX4-75)
Toshiba DynaBook SS475-JP
Toshiba Portege 610CT
Toshiba Satellite Pro T2150CDT (486DX4-75)[4]
Toshiba Satellite Pro T2450CT (486DX4-75)[4]

Twinhead Slimnote II (486E)

Zenith Data Systems Z-Note
Zenith Data Systems Z-Noteflex

1. Keyboard controller problem affects installation. Refer to the patch file included in the `SUNWrdm` package located on the Solaris CD.
2. Requires special configuration to install Solaris; only comes with a 120-Mbyte disk.
3. Some hardware configuration may be required to install Solaris.
4. CAUTION: Some third-party memory expansion (PC Card) has been found to fail with the Solaris environment. Use actual Toshiba or high-grade third-party memory.

Notebook Computers Certified After March 1996

SunSoft now uses a new test plan for notebook computers that more accurately represents the status and support of a given model.

The following matrix is *not* intended to show which features a particular notebook model has, but rather, which of the listed features currently works with Solaris x86. Models listed in the previous table, Notebook Computers, have been tested for basic compatibility, but will not be retested to provide the more specific information given in the table below.

For more detail, see the test reports on `http://access1.sun.com/certify/reports/reports.html`. For additional information on video support, see the table Notebook Display Video Support at the end of this document.

Notebook Certification Matrix (After March 1996)

					✓ mark or letters in a box=Supported DS=Dual scan Int or Ext=Internal or external NT=Not tested NS=Not supported at this time N/A=Not applicable TFT=Active matrix				
Manufacturer/ Model	**CPU**	**CD-ROM Int/Ext**	**Audio**	**Modem Int/PC Card**	**Display Type TFT/DS**	**Tested Display Resolution**	**Dock Bay**	**Port Repli-cator**	**Network[1]**
Compaq									
ARMADA 4120	P-120	Int	✓	PC Cd	TFT	800x600	NT	NT	✓
LTE 5250	P-120	NT	✓	PC Cd	TFT	800x600	NT	NT	✓

Notebook Certification Matrix (After March 1996) ***(Continued)***

					✓ mark or letters in a box=Supported DS=Dual scan Int or Ext=Internal or external NT=Not tested NS=Not supported at this time N/A=Not applicable TFT=Active matrix				
Manufacturer/ Model	**CPU**	**CD-ROM Int/Ext**	**Audio**	**Modem Int/PC Card**	**Display Type TFT/DS**	**Tested Display Resolution**	**Dock Bay**	**Port Repli-cator**	**Network[1]**
IBM									
ThinkPad 760CD	P-90	N/A	NS	Int/NS	TFT	800x600	NT	NT	✓
ThinkPad 760ED	P-133	N/A	NS	Int/NS	TFT	800x600	NT	NT	✓
HP									
Omnibook 5500CT	P-133	N/A	NS	PC Cd	TFT	800x600	NT	NT	✓
Toshiba									
Portege 650CT	P-133	N/A	NS	Int	TFT	800x600	NT	NT	✓
Satellite Pro 420CDT	P-100	Int	✓	N/A	TFT	800x600	NT	NT	✓
Satellite Pro 425CDT	P-100	Int	✓	N/A	TFT	800x600	NT	NT	✓
Tecra 500CDT	P-120	Int	NS	Int	TFT	800x600	NT	NT	✓
Tecra 720CDT	P-133	Int	NS	Int	TFT	1024x768	NT	NT	✓
Tecra 730CDT	P-150	Int	NS	Int	TFT	1024x768	NT	NT	✓
Tecra 700CT	P-120	Int	✓	PC Cd.	TFT	800x600	NT	N/A	✓

1. Tested with 3Com EtherLink PC Card (PCMCIA) 3C589.

Supported Devices

Devices listed in this section have been successfully tested with Solaris 2.5/2.5.1 x86 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 may not be usable or may require additional configuration.

SCSI Host Bus Adapters

Vendor	Model
Acculogic	PCIpport Model 20
Adaptec	AHA-1510A AHA-1520A AHA-1522A AHA-1530P/1532P AHA-1540B/1542B AHA-1540C/1542C AHA-1540CF/1542CF AHA-1540CP/1542CP AHA-1640/1642 AHA-1740/1742A AHA-2740/2742 AHA-2740A/2742A AHA-2740T/2742T AHA-2740AT/2742AT AHA-2740W AHA-2840A/2842A AHA-2840VL/2842VL AHA-2940/2940W AHA-2940AU AHA-2940U/2940UW AHA-2944UW AHA-2944W AHA-3940/3940W AHA-3940U/3940UW AIC-6260 AIC-6360

SCSI Host Bus Adapters ***(Continued)***

Vendor	Model
Adaptec, cont.	AIC-7770, AIC-7770 Rev. E AIC-7850 AIC-7870 AIC-7880 APA-348 MiniSCSI (LPT/SCSI)
AdvanSys	ABP510/5150-Bus-Master ISA ABP5140-Bus-Master ISA PnP ABP5142-Bus-Master ISA PnP w/floppy ABP920-Bus-Master PCI ABP930-Bus-Master PCI ABP930U-Bus-Master PCI Ultra ABP960-Bus-Master PCI MAC/PC ABP960U-Bus-Master PCI MAC/PC Ultra ABP542-Bus-Master ISA w/floppy ABP742-Bus-Master EISA ABP842-Bus-Master VL ABP940-Bus-Master PCI ABP940U-Bus-Master PCI Ultra ABP970-Bus-Master PCI MAC/PC ABP970U-Bus-Master PCI MAC/PC Ultra ABP752-Dual Channel Bus-Master EISA ABP852-Dual Channel Bus-Master VL ABP950-Dual Channel Bus-Master PCI
AMD	PCscsi PCscsi II PCnet-SCSI

SCSI Host Bus Adapters *(Continued)*

Vendor	Model
BusLogic	BT-440C (VLB) BT-445C (VLB) BT-445S (VLB) BT-542B (ISA) BT-545C (ISA) BT-545S (ISA) BT-742A (EISA) BT-746C (EISA) BT-747C (EISA) BT-747S (EISA) BT-757C (EISA) BT-757CD (EISA) BT-757S (EISA) BT-946C (PCI) BT-948 (PCI) BT-956C (PCI) BT-956CD (PCI) BT-958 (PCI) BT-958D (PCI) FlashPoint DL Dual-Channel Ultra SCSI (BT-932) (PCI) FlashPoint DW Dual-Channel Ultra & Wide SCSI (BT-952) (PCI) FlashPoint LT Ultra SCSI (BT-930) (PCI) FlashPoint LW Ultra & Wide SCSI (BT-950) (PCI)
Compaq	32-bit Fast-SCSI-2 32-bit Fast-Wide SCSI-2/E 32-bit Fast-Wide SCSI-2/P Integrated 32-bit Fast-SCSI Integrated 32-bit Fast-SCSI-2 (825) Integrated 32-bit Fast-Wide SCSI (825) Integrated Wide-Ultra SCSI Controller (PCI) Wide-Ultra SCSI Controller (PCI)
Creative Labs	Sound Blaster 16 SCSI-2

SCSI Host Bus Adapters *(Continued)*

Vendor	Model
DPT	PM-2011 (EISA) PM-2012B (EISA) PM-2021 (ISA)[1] PM-2022 (EISA)[1] PM-2024 (PCI)[1] PM-2041 (ISA)[1] PM-2041W (ISA)[1] PM-2042 (EISA)[1] PM-2042W (EISA)[1] PM-2044UW (PCI)[1] PM-2044W (PCI)[1] PM-2122 (EISA)[1] PM-2124 (PCI)[1] PM-2142W (EISA)[1] PM-2144UW (PCI)[1] PM-2144W (PCI)[1]
DTC	DTC-3130 (PCI)[2] DTC-3130B (PCI)
Hitachi	PC-CS7210 (PCI)
IBM	PS/2 Micro Channel SCSI SCSI-2 Fast/Wide Adapter/A
Intel	PCISCSI (NCR 53C825)[3] PCISCSINR (NCR 53C810)
P.E. Logic Corp	PEL-1620[4]
QLogic	PCI IQ/QLA91x/QLA1xxx SCSI Host Adapter Family QLA510
Siemens Nixdorf	PCE-5S (NCR 53C710)

SCSI Host Bus Adapters ***(Continued)***

Vendor	Model
Symbios Logic	NCR 53C810 NCR 53C815 NCR 53C820[3] NCR 53C825[3]
Trantor	T348 MiniSCSI Plus Parallel
Tricord	Intelligent SCSI Subsystem Controller

1. This adapter can be made RAID-capable with the addition of a Hardware Disk Array module.
2. This adapter does not have the SDMS BIOS on board. It should be used only on a system that contains the SCSI BIOS as part of its main system BIOS.
3. Wide SCSI not yet supported in Solaris driver.
4. Configure as an Adaptec AHA-1520A.

SCSI RAID Controllers

Vendor	Model
AMI	MegaRAID 428
Compaq	SMART SCSI Array Controller SMART-2 EISA/PCI Array
DEC	Digital Storage Works RAID Array (EISA)
Dell	Dell SCSI Array (DSA)
DPT	PM-2044UW (PCI) PM-2144UW (PCI) PM-3222 (EISA) PM-3222UW (EISA) PM-3224 (PCI) PM-3224W (PCI) PM-3332UW (PCI) PM-3334UW (PCI) PM-3334W (PCI)
HP	HP Disk Array/HP Disk System
IBM	PC ServeRAID Adapter (Copperhead) SCSI-2 Fast/Wide Streaming RAID Adapter (MCA) SCSI-2 Fast/Wide PCI RAID Adapter
Mylex	DAC960E (EISA) DAC960M (Micro Channel) DAC960P (PCI)[1] DAC960PD (PCI)[1] DAC960PL (PCI)[1]

1. Mylex PCI SCSI controllers are supported with Solaris x86 using Mylex firmware 2.x *only*. The newer 3.x firmware does not work with Solaris software at this time.

Solid State SCSI Disk Devices

Vendor	Model
Imperial Technology	MegaRam (268 MB version)

CD-ROM Drives

Vendor	Model	Type
Chinon	CDS435	SCSI
	CDS-525	SCSI
	CDS535[1]	SCSI
GoldStar	CRD-8160B 16x	ATAPI/IDE
	GCD-R320B	SCSI
	GCD-R520B	ATAPI/IDE
	GCD-R580B 8x	ATAPI/IDE
Hitachi	CDR-1900S	SCSI
	CDR-3750	SCSI
	CDR-6750	SCSI
	CDR-7730	ATAPI/IDE
	CDR-7930 8x	ATAPI/IDE
	CDR-8130 16x	ATAPI/IDE
	MaxPC-UC5240 4x	SCSI
Lion Optics	XC200SI	SCSI
LMSI	CM214	SCSI
	CM215	SCSI
Mitsumi	CRMC-FX001DE	ATAPI/IDE
	CRMC-FX400	ATAPI/IDE

CD-ROM Drives *(Continued)*

Vendor	Model	Type
NEC	MultiSpin 2Vi	ATAPI/IDE
	MultiSpin 3Xe[2]	SCSI
	MultiSpin 3Xi[2]	SCSI
	MultiSpin 3Xp Plus	SCSI
	MultiSpin 4Xe[1, 2]	SCSI
	MultiSpin 4Xi[1, 2]	SCSI
	MultiSpin 6Xi	SCSI
	Intersect CDR-74	SCSI
	Intersect CDR-84	SCSI
	CDR-210[2]	SCSI
	CDR-211	SCSI
	CDR-250	ATAPI/IDE
	CDR-260	ATAPI/IDE
	CDR-260R	ATAPI/IDE
	CDR-271	ATAPI/IDE
	CDR-272 (4x speed)	ATAPI/IDE
	CDR-272 Rev. 4.15	ATAPI/IDE
	CDR-273 (6x speed)	ATAPI/IDE
	CDR-280	ATAPI/IDE
	CDR-510	SCSI
	CDR-1400 (8x speed)	ATAPI/IDE
Optics Storage	8422IDE	ATAPI/IDE
Panasonic	LK-MC509S	SCSI
	LK-MC579B	ATAPI/IDE
	LK-MC608B 8x	SCSI
	LK-MC688B 8x	ATAPI/IDE
Panasonic/ Matsushita	CR-504B 4x	SCSI
	CR-572B	ATAPI/IDE
Philips	CM207	ATAPI/IDE
	CM215	SCSI
	CM425A	SCSI
Pioneer	DRM-604X[1, 3]	SCSI

CD-ROM Drives *(Continued)*

Vendor	Model	Type
Plextor	DM3028	SCSI
	PX-12CSi	SCSI
	PX-12TSi	SCSI
	PX-43CE (4.5 Plex)	SCSI
	PX-43CH (4 Plex)	SCSI
	PX-43CS	SCSI
	PX-45CH	SCSI
	PX-45CS	SCSI
	PX-63CS (6 Plex)	SCSI
	PX-65CS (6 Plex)	SCSI
	PX-83CS (8 Plex)	SCSI
Reveal	4X Internal	ATAPI/IDE
Sanyo	CRD-254P	ATAPI/IDE
	CDR-H93RMV	SCSI
	CDR-400I	SCSI
Sanyo-TORiSAN	CDR-S1G	ATAPI/IDE
	CDR-S18	ATAPI/IDE
Sony	CDU-55E	ATAPI/IDE
	CDU-55S[4]	SCSI
	CDU-561	SCSI
	CDU-76E	ATAPI/IDE
	CDU-76S	SCSI
	CDU-77E	ATAPI/IDE
	CDU-6211	SCSI
	CDU-6811	SCSI
	CDU-7211	SCSI
	CDU-7811	SCSI
	CDU-8012	SCSI
Sun Microsystems	SunCD	SCSI
Tae I1 Media Co.	TechMedia CDD-6100 10X	ATAPI/IDE
TEAC	CD-56E	ATAPI/IDE

CD-ROM Drives *(Continued)*

Vendor	Model	Type
Texel	DM3024	SCSI
	DM3028	SCSI
	DM5021	SCSI
	DM5024	SCSI
	DM5028	SCSI
Toshiba	4101-TA	SCSI
	5201B	SCSI
	TXM-3201	SCSI
	TXM-3301	SCSI
	TXM-3401	SCSI
	TXM-3701-D1	SCSI
	XM-3501B	SCSI
	XM-3601B	SCSI
	XM-5302B	ATAPI/IDE
	XM-5522B	ATAPI/IDE
Wearnes	CDD-120[5]	ATAPI/IDE

1. Various CD-ROM players may not be fully SCSI-compliant in their handling of the `CDROMREADHEADER` command. This may cause failures from `vold` not mounting an eligible CD-ROM. The workaround is to mount the CD-ROM manually.
2. Early versions of NEC firmware were not fully SCSI-compliant; thus these drives may only work if synchronous negotiation and disconnect are disabled on the SCSI adapter used with the CD-ROM drive, or if the drive is jumpered to use `scsi-1` commands, as appropriate.
3. Only the first CD-ROM in the Pioneer DRM-604X CD-ROM changer is supported by default.
4. This drive does not work with the Adaptec AHA-2940 SCSI HBA.
5. Must have BIOS 1.0 or later.

Printing Devices

Vendor	Model
Lexmark International	Optra C color laser printer Optra N network laser printer Optra R+ laser printer Optra Rt+ laser printer Optra Lx+ laser printer Optra Lxi+ laser printer Color Jetprinter PS 4079 plus printer

Audio Devices

Vendor	Model
Analog Devices	AD1848 & compatibles
Compaq	Business Audio
Creative Labs	Sound Blaster 16 Sound Blaster 16 SCSI-2 Sound Blaster AWE32 Sound Blaster Pro
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) 820-7365 USA Fax: (310) 826-2465 USA Email: info@4front-tech.com Web: http://www.4front-tech.com

Telephony Products

Vendor	Model	Description
Dialogic Corporation[1]	D/21D	2 POTS lines voice and tone recognition
	D/41D	4 POTS lines voice and tone recognition
	D/41E	4 POTS lines
	D/121A	12-port voice and tone recognition, and processing board
	D/121B	12-port voice and tone recognition, and processing board
	D/240SC	24-channel voice store and forward
	D/320SC	32-channel voice store and forward
	D/240SC-T1	32-channel voice store and forward, with T-1
	FAX/40	Fax daughtercard, 4 channel, for D/41
	FAX/120	12-channel Fax for D/121 boards
	VR/40	Multiline speech recognition daughterboard, 4 port
	VR/121	Multiline speech recognition daughterboard, 12 port
	VR/160	Multiline speech recognition daughterboard, 16 port
	VR/160C	Multiline speech recognition daughterboard, 16 port
	DTI/211	Digital Trunk Interface, North American T-1
	DTI/212	Digital Trunk Interface, European E-1
	LSI/120	Loop Start Interface board
	LSI/180	Loop Start Interface board
	DMX	Digital Multiplexor Expansion boards
	MSI	Modular Station Interface board, 24 port

1. Device driver software and support are supplied by the vendor.

Multiport Serial Adapters

Vendor	Model
Aurora[1]	401A (ISA 4 Port)
CHASE[1]	IOPRO (ISA 8 Port)
COMPUTONE[1]	IntelliServer SVR-16DB (16 Port)
COMTROL[1]	Rocketport (16 Port)
Digi International (DigiBoard)[1]	AccelePort (ISA) C/X Intelligent Clusters (ISA, EISA) EPC/X Intelligent Clusters (ISA, EISA) PC/8e (ISA) PC/8eVe PC/16em (16 db25 port) PC/Xe Intelligent Serial Adapters PC/Xem (ISA, EISA) PC/Xi Intelligent Serial Adapters PCI/8r (PCI) PCI/16em (16 db25 port) PCI/Xem Xem Intelligent Asynchronous Adapters Xr Intelligent Asynchronous Adapters
MILAN[1]	FastPort 3100CX PrintServer FastPort 3200C PrintServer FastPort 3400C PrintServer
Moxa[1]	MOXA-C218 (ISA 8 Port) MOXA-C320 (ISA 32 Port)

Multiport Serial Adapters *(Continued)*

Vendor	Model
Specialix[1]	SI/8 AT XIO/8 AT
Stallion[1]	EasyServer II Terminal Server
Systech[1]	Parallex SCS-2008I (ISA 8 Port) RCS-4008 Network Terminal Server RCS-4008 TCP Terminal Server 8-port RCS-4108 TCP Terminal Server 8-port

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

Network Adapters—Ethernet

Vendor	Name/Model
3Com	EtherLink II, II/16 (3C503, 3C503-16) EtherLink 16, 16TP (3C507, 3C507-TP) EtherLink III (3C509, 3C509B[1], 3C529, 3C579) EtherLink III PCMCIA (3C589, 3C589B, 3C589C) EtherLink III PCI Bus Master (3C590) EtherLink III EISA Bus Master (3C592) EtherLink XL (3C900-TPO, 3C900-COMBO) Fast EtherLink 10/100 PCI (3C595 TX) Fast EtherLink 10/100 EISA (3C597 TX) Fast EtherLink XL (3C905)
Accton	EN1625 (ISA) EtherCombo-16 (ISA)[2]
Adaptec	ANA-6901 (PCI) ANA-6901/C (PCI) ANA-6904 (PCI) ANA-6911/TX (PCI) ANA-6944A 10/100 TX 4-port (PCI)
Allied Telesis	AT-1500T-Plus (ISA) AT-1500BT-Plus (ISA) AT-2450 10 T (PCI) AT-2560 10/100 TX (PCI)
Alta	EtherCombo-16 T/C (ISA)[2, 3]
AMD	PCnet-ISA controller chip PCnet-PCI controller chip PCnet-PCI-II controller chip
Asante	AsanteFAST 10/100 (PCI)[4]
Cabletron	E-2210 (ISA)
CNet	CN970EBT (PCI) PowerNIC CN935E (PCI)[4]
Cogent	EM110TX (PCI)[4] EM440 QUAD (PCI)[4] EM960C (PCI)[4, 5] EM960TP (PCI)[4] EM964 QUAD (PCI)[4]

Network Adapters—Ethernet *(Continued)*

Vendor	Name/Model
Compaq	Deskpro 4000 Integrated NetFlex-3 10/100 Deskpro 6000 Integrated NetFlex-3 10/100 Netelligent 10T PCI[6] Netelligent 10/100 TX PCI[6] NetFlex-2 DualPort ENET NetFlex-2 ENET-TR Controller (Ethernet only) NetFlex-3 DUAL Port 10/100TX PCI UTP NetFlex-3/E[6] NetFlex-3/P[6] Professional Workstation Integrated NetFlex-3 10/100 ProLiant 2500 Integrated NetFlex-3 10/100
Compex	ENET32-PCI ReadyLINK ENET32[4]
DEC	EtherWORKS 10/100[4] EtherWORKS PCI 10/100[4]
DFE	500TX (Revision B1) (PCI)
Diversified Technologies (DTI)	LBC5025[4, 5]
D-Link	DE-530CT (PCI)[4] DE-530CT+ (PCI)[4]
Fujitsu	FMV-183 (ISA)
Genius	GE2000III (ISA)
HP	PC LAN NC/16 TP J2405A
IBM	IBM 100/10 PCI Ethernet Adapter IBM LAN Adapter for Ethernet Combo (ISA) IBM LAN Adapter for Ethernet CX (ISA) IBM LAN Adapter for Ethernet TP (ISA)

Network Adapters—Ethernet *(Continued)*

Vendor	Name/Model
Intel	EtherExpress16 (PCLA8110) EtherExpress16 TP (PCLA8120) EtherExpress16C (PCLA8100) EtherExpress 32 (EILA8215) (EISA) EtherExpress Flash32 (EILA8225A) (EISA) EtherExpress FlashC (PCLA8105) EtherExpress MCA (MCLA8110) EtherExpress MCA TP (MCLA8120) EtherExpress PRO EtherExpress PRO/10+ (ISA) EtherExpress PRO/10+ (PILA8400/8420) (PCI) EtherExpress PRO/100 (EILA8265F) (EISA) EtherExpress PRO/100 (PILA8465) (PCI) EtherExpress PRO/100B TX (PILA8465B) (PCI)
Kingston	KNE40BT[4] KNE-100TX (PCI)[4] KNE-2000T+ (ISA)[3] KNE-2002+ (ISA)[3] KNE-2031+ (ISA)[3] KNE-2121+ (ISA) KNE-2121H (ISA)
Linksys	LNE100TX (PCI)[4]
Microdyne	NE2000 (ISA) NE2500plus (ISA)
Mitron	LX2100p (PCI)
National Semicond.	Infomover NE2000 Plus (ISA)[3]
NetGear	FA310TX 10T/100TX (PCI)
Novell/ Eagle Tech.	NE2000 (ISA) NE2000 Plus (ISA)[3] NE3200 (EISA)
Olicom	EtherCom ISA/II[3]
Racal InterLan	ES3210/ES3210 TP Ethernet[7] PCI T2-STR

Network Adapters—Ethernet *(Continued)*

Vendor	Name/Model
Rockwell	RNS 2300[4] RNS 2340 QUAD[4, 5]
Samsung	SEB-3000C (PCI)
SMC	Elite32C Ultra (EISA) Ether10/100 (9232) (EISA) EtherCard PLUS (8003) EtherCard PLUS Elite (8013) EtherCard PLUS Elite16 (8013) EtherCard Elite16 Ultra (8216) EtherCard Elite32T (8033T) EtherEZ (8416) EtherPower 8432BT (PCI)[4] EtherPower 8432BTA (PCI)[4] EtherPower 8432T (PCI)[4] EtherPower 10/100 (9332BDT) (PCI)[4] EtherPower 10/100 (9332DST) (PCI)[4, 5]
SVEC	ETHER-100TX (PN 100TX 10/100TX) (PCI) FD0421-P Rev. A-1 (ISA) FD0455 EtherBoard-PCI NE2100 (ISA)
Texas Instruments	ThunderLAN 10/100 TX (PCI)
Thomas Conrad	NE2000 (ISA)

Network Adapters—Ethernet *(Continued)*

Vendor	Name/Model
Unisys	EISA Ethernet controller (Intel 82596) U6000/DT2 integrated Ethernet controller (Intel 82596)
Xircom	Pocket Ethernet Adapter III (PE3)
Znyx	NetBlaster ZX314 QUAD[4] NetBlaster ZX315 DUAL[4] NetBlaster ZX345[4] NetBlaster ZX346 QUAD[4, 5] NetBlaster ZX348 DUAL[4] ZX311[4] ZX312 (PCI)[4, 5] ZX342 10/100 (PCI)[4, 5] ZX344 QUAD[4]

1. Cards with ASSY 03-0021-000, REV A printed on them do not work with the Solaris system.
2. Card misdetects 8-bit slot.
3. Some NE2000plus clones may only work in I/O or shared memory mode, depending on the system or configuration, while running Solaris software.
4. Because certain board revisions have been found not to work, refer to the tabl in the "DEC 21040, 21041, 21140 Ethernet" Device Reference Page in the current *Solaris 2.5/2.5.1 x86 Driver Update Guide* for part/version numbers and chipsets of supported adapters.
5. Special configuration required; refer to the "DEC 21040, 21041, 21140 Ethernet" Device Reference Page in the current *Solaris 2.5/2.5.1 x86 Driver Update Guide* for additional information.
6. Refer to the "Compaq NetFlex-3, Netelligent Controllers" Device Reference Page in the current *Solaris 2.5/2.5.1 x86 Driver Update Guide* for tested chipsets.
7. Only the newer versions of these cards are supported. The versions successfully tested have stickers with the numbers 625-0367-00 and 625-0369-00; older versions of the card, for example, those with the number 625-0136-00, do not work.

Network Adapters—Fast Ethernet

Vendor	Name/Model
3Com	Fast EtherLink 10/100 (3C595 TX) (PCI) Fast EtherLink 10/100 (3C597 TX) (EISA) Fast EtherLink XL (3C905)
Adaptec	ANA-6901 (PCI) ANA-6901/C (PCI) ANA-6904 (PCI) ANA-6910/TX (PCI) ANA-6911/TX (PCI) ANA-6940/TX (PCI) ANA-6944A 10/100 TX 4-port (PCI)
Allied Telesis	AT-1500 (ISA) AT-2560 10/100 TX (PCI)
Asante	AsanteFAST 10/100(PCI)[1]
Cogent	EM100 (PCI)[1] EM100TX (PCI)[1] EM110TX (PCI)[1] EM400 QUAD (PCI)[1] EM440 QUAD (PCI)[1]
Compaq	Deskpro 4000 Integrated NetFlex-3 10/100 Deskpro 6000 Integrated NetFlex-3 10/100 Netelligent 10/100 TX PCI[2] NetFlex-3 DUAL Port 10/100TX PCI UTP NetFlex-3/E w/100Base-TX UTP Module w/100VG-AnyLAN UTP Module w/100Base-FX Module NetFlex-3/P w/100Base-TX UTP Module w/100VG-AnyLAN UTP Module w/100Base-FX Module Professional Workstation Integrated NetFlex-3 10/100 ProLiant 2500 Integrated NetFlex-3 10/100

Network Adapters—Fast Ethernet *(Continued)*

Vendor	Name/Model
DEC	EtherWORKS 10/100[1] EtherWORKS PCI 10/100[1]
Diversified Technologies (DTI)	LBC5025[1, 3]
IBM	IBM 100/10 PCI Ethernet Adapter
Intel	EtherExpress PRO/100 (82556) EtherExpress PRO/100B T4 (PCI) EtherExpress PRO/100B TX (PCI)
Kingston	KNE-100TX (PCI)[1]
Linksys	LNE100TX (PCI)[1]
NetGear	FA310TX 10T/100TX (PCI)
Rockwell	RNS 2300[1] RNS 2340 QUAD[1, 3]
SMC	Ether 10/100 (9232) (EISA) EtherPower 10/100 (9332BDT) (PCI)[1] EtherPower 10/100 (9332DST) (PCI)[1, 3]
SVEC	ETHER-100TX (PN 100TX 10/100TX) (PCI)
Texas Instruments	ThunderLAN 10/100 TX (PCI)
Znyx	ZX342 10/100 (PCI)[1, 3] ZX344 QUAD[1] NetBlaster ZX345[1] NetBlaster ZX346 QUAD[1, 3] NetBlaster ZX348 DUAL[1]

1. Because certain board revisions have been found not to work, refer to the table in the "DEC 21040, 21041, 21140 Ethernet" Device Reference Page in the current *Solaris 2.5/2.5.1 x86 Driver Update Guide* for part/version numbers and chipsets of supported adapters.
2. Refer to the "Compaq NetFlex-3, Netelligent Controllers" Device Reference Page in the current *Solaris 2.5/2.5.1 x86 Driver Update Guide* for tested chipsets.
3. Special configuration required; refer to the "DEC 21040, 21041, 21140 Ethernet" Device Reference Page in the current *Solaris 2.5/2.5.1 x86 Driver Update Guide* for additional information.

Network Adapters—FDDI

Vendor	Name/Model
Rockwell	RNS-2200

Network Adapters—Token Ring

Vendor	Name/Model
3Com	TokenLink III (3C619, 3C629, 3C679)
IBM	Auto 16/4 Token Ring (ISA, MCA) Token Ring 16/4 Adapter/A (ISA) Turbo 16/4 Token Ring (ISA)

Network Adapters—WAN

Vendor	Name/Model
TSG (The Software Group)	NetcomHighway/572 (PCI)[1]

1. Driver software and support for this device are available directly from the vendor.

High-Speed Networking

Vendor	Name/Model
ADAX	APC-EIX T-1 Network Interface Board (EISA)[1]

1. Driver software and support for this device are available directly from the vendor.

PC Card (PCMCIA)—Adapters/Controllers/Chipsets[1]

Vendor	Name/Model
Cirrus Logic	PD6710/PD6720
Intel	82365SL, 82365SL-DF
Ricoh	RF5C296, RF5C396
Toshiba	PCIC[2]
Vadem	VG365/VG465/VG468/ VG469
VLSI Technology	VCF94365

1. PCIC socket controller chipsets.

2. Exact part number not known, but model is an 82365SL clone.

PC Card (PCMCIA)—Add-On Boards

Vendor	Name/Model
ATI Technologies	14400 ETC-EXPRESS AX/Data Modem
Hytec	HCD 22
SCM Microsys.	SwapBox Classic SwapBox Premium

PC Card (PCMCIA)—GPS and Navigation Devices

Vendor	Name/Model
Centennial Technologies	SatNav GPS Card—NMEA[1] SatNav GPS Card—Binary[1]

1. Tested only at the device level: Application software is available from various third-party vendors.

PC Card (PCMCIA)—Modems

Vendor	Name/Model
ActionTec	MD28801 (V.34 Fax/Modem)
APEX Data	PCA-1414 (Data/Fax)
AT&T Paradyne	371-B1-001 (14.4 Data/Fax)
Boca-Modem	m144pa (14.4bps V32bis Data/Fax)
Centennial Tech.	PM50003 (CT 14.4 Fax/Modem)
DataRace	RediCard Version 1 (V.32bis/V.42/V.42bis Fax/Data) RediCard Version 2 (V.32bis/V.42/V.42bis Fax/Data)
Hayes	5361US (Accura 336 T2 + Fax) (33.6Kbps V.34) Optima 144
IBM	24TTMOD-W14 (14.4 Data/Fax) 87G9800 (V.32bis/V.42/V.42bis Fax/Data)
Intel	110-US (2400 Data)
Kingston	DataRex 87G9851 (V.32bis/V.42/V.42bis Fax/Data)
Megahertz	CC3144 (V.32bis/V.42/V.42bis Fax/Data) XJ114 (V.32bis/V.42/V.42bis Fax/Data) XJ124FM (V.32bis/V.42/V.42bis Fax/Data) XJ214 (V.32bis/V.42/V.42bis Fax/Data) XJ2288 (V.32bis/V.42/V.42bis Fax/Data)
SMART Modular Tech.	SmartExchange 9624 Fax/Modem
Supra	COMcard 144 (V.32bis/V.42/V.42bis Fax/Data)
US Robotics	Sun/USR WorldPort (V.32bis/V.42/V.42bis Fax/Data/Voice)

PC Card (PCMCIA)—Serial Cards

Vendor	Name/Model
IBM	IBM RS-332 Serial Card
Socket Communication	SL0700 (RS-332)

PC Card (PCMCIA)—SRAM Memory Cards

Vendor	Name/Model
Centennial Technologies	SRAM Card (256KB) SRAM Card (512KB) SRAM Card (1MB) SRAM Card (2MB) SR04M-15-11192-01 52795 (4 MB Recharge)
Epson	NB70-004268 NB70-004269 NB70-004270
IBM	0.5 MB SRAM Card 1 MB SRAM Card 0933155 (2 MB SRAM)
Magic Ram	SR1MBP100 SR2MBP100
Mitsubishi	MF3513-LCDAT MF31M1-LCDAT MF32M1-LCDAT
SMART Modular Technologies	SM9SRD512KP3 SM9SRD1MP3 SM9SRD2MP3 SM9SRDA1MP3 SM9SRDA2MP3

Pointing Devices

Vendor	Model
Appoint	Thumbelina[1] MousePen Pro[1]
CH Products	RollerMouse
Dyna Point	DynaTrak[1]
IBM	PS/2 2-button Easy Options Mouse[1]
Interlink	PortaPoint[1]
Kraft Systems	MicroTrack[1]
Logitech	C7 serial and bus mouse devices C9 serial and bus mouse devices 2-Button[1] MouseMan serial and bus mouse devices MouseMan cordless TrackMan serial and bus mouse devices
Microsoft	Serial, bus, and PS/2 mouse devices
MicroSpeed	MicroTRAC trackball
Mouse Systems	Mouse! New Mouse PC Mouse II

1. Select "Microsoft 2-button mouse" during installation of Solaris software.

Tape Drives—SCSI[1]

Vendor	Model
Archive	2150S 150 MB 2525 QIC-525 Python 28454 4mm Viper
Exabyte	EXB-4200 4mm EXB-8200 EXB-8500 EXB-8505 8mm EXB-8505XL 7/14GB 8mm
HP	Colorado Memory Systems PowerTape 1100 QIC Colorado Memory Systems PowerTape 2400 QIC Colorado Memory Systems PowerTape 4000 QIC Colorado Memory Systems PowerDAT 6000 4mm 35470A DDS 4mm 35480A DDS/Data Compression 4mm C1533-00100 DDS2/Data Compression 4mm C1534A DDS Tape Drive 4mm C1536A DDS/Data Compression 4mm

Tape Drives—SCSI[1] ***(Continued)***

Vendor	Model
HP, cont.	C1520F SureStore Tape 2000e 4mm C1525F SureStore Tape 2000i 4mm C1521F SureStore Tape 5000e 4mm C1526F SureStore Tape 5000i 4mm C1551A SureStore Tape 5000eU 4mm C1529F SureStore Tape 6000e 4mm C1528F SureStore Tape 6000i 4mm C1552A SureStore Tape 6000eU 4mm C1520E JetStore 2000e 4mm C1520E JetStore 2000i 4mm JetStore 5000e 4mm C1526E JetStore 5000i 4mm C1529A JetStore 5000i 4mm C1528E 4mm C1537 DDS3 4mm[2]
Sony	SDT-5000 4mm SDT-5200 4mm
Sun Microsystems	x660A 150 MB QIC x814A 5.0 GB 8mm x822A 4mm x6101A 2.5 GB QIC SCSI x6102A 2.5 GB QIC SCSI x6103A 2.5 GB QIC SCSI

Tape Drives—SCSI[1] *(Continued)*

Vendor	Model
Tandberg	Panther 525S TDC 3820 TDC 4120 TDC 4220 TDC 4222
WangDAT	3400DX DDS-2 4mm
Wangtek	51000 QIC 5525ES QIC 9500DC QIC

1. The tape drives in this table have been tested with the `st` tape driver software. The tape drives were tested using the Legato Tape Exerciser program to verify basic functionality and general compatibility with Solaris 2.5/2.5.1 x86.
2. This drive requires a custom entry in the `st.conf` file for Solaris software. Contact the vendor for information.

SCSI RAID Tape

Vendor	Model
ANDATACO	Rapid Tape Array

Uninterruptable Power Supplies (UPS)

The following UPS products have been tested in the vendor's labs. SunSoft has tested the software on selected models to ensure basic operation under Solaris 2.5/2.5.1 x86.

APC Back-UPS 200
APC Back-UPS 280
APC Back-UPS 400
APC Back-UPS 450
APC Back-UPS 600
APC Back-UPS 900
APC Back-UPS 1250

APC Back-UPS Pro 280
APC Back-UPS Pro 420
APC Back-UPS Pro 650
APC Back-UPS Pro 1000
APC Back-UPS Pro 1400

APC Smart-UPS 250
APC Smart-UPS 400
APC Smart-UPS 450
APC Smart-UPS 600
APC Smart-UPS 700
APC Smart-UPS 700PM
APC Smart-UPS 700XL
APC Smart-UPS 750
APC Smart-UPS 900
APC Smart-UPS 1000
APC Smart-UPS 1000RM
APC Smart-UPS 1000XL
APC Smart-UPS 1400
APC Smart-UPS 1400RM
APC Smart-UPS 1250
APC Smart-UPS 2000
APC Smart-UPS 2200
APC Smart-UPS 2200RM
APC Smart-UPS 2200XL
APC Smart-UPS 3000
APC Smart-UPS 3000RM

Motherboards

These are individual motherboards that have been tested as components; see page 7 for a list of System Platforms.

AIR 486ET VESA/EISA (Sis chipset)
AIR 54CEP (P-90/100)
AIR 54CDP (2 CPUs, P-90/100)
AIR 54TPI (P-133)
AIR 54TPI (P-200)

American Megatrends Titan-II PCI EISA (2 CPUs)

AMI Atlas PCI (P-100)
AMI Voyager with 486DX2-66 CPU
AMI Super Voyager PCI
AMI Super Voyager II VLB
AMI Titan II (2 CPUs, P-90)
AMI Enterprise III with 486DX2-66 CPU
AMI Enterprise IV

Motherboards *(Continued)*

ASUS HX97 (P-200 MMX)
ASUS PCI/E-P54NP4 (2 CPUs, P-90)
ASUS PCI/I-486SP3G (DX33, SX, DX2-66, OverDrives)
ASUS PCI/I-P5SP4 (P-60)
ASUS PCI/I-P54NP4 (2 CPUs, P-90)
ASUS PCI/I-P54NP4D (P-100)
ASUS PCI/I-P54NP4D (P-133)
ASUS PCI/I-P54SP4 (P-75, 90, 100)
ASUS PCI/I-P54TP4 (P-100)
ASUS PCI/I-P55TP4 (Triton) (P-90)
ASUS PCI/I-P55TP4XE (P-90)
ASUS PCI/I-P55TP4XE (P-133)
ASUS P/E P55T2P4D (2 CPUs, P-133)
ASUS P/E P55T2P4S (P-133)
ASUS P/E P55T2P4S (P-200)
ASUS P/I AP55TV (P-166)
ASUS P/I AP6N (PP-200)
ASUS P/I P55T2P4 (P-200 MMX)
ASUS P/I P55T2P4S (P-200)
ASUS P/I P55TVP4 (P-200 MMX)
ASUS P/I P55TXP4 (P-200 MMX)
ASUS P/I P65UP5 (PP-200)
ASUS P/I P65UP5 (2 CPUs, PP-200)
ASUS P/I P6RP4 (PP-150)
ASUS P/I P6RP4 (PP-200)
ASUS P/I XP55T2P4 (P-200 MMX)
ASUS P/I XP55TVP4 (P-200 MMX)
ASUS P/I XP55TXP4 (P-200 MMX)
ASUS P/I XP6NP5 (PP-200)
ASUS PVI-486AP4 (486SX/DX/DX2)
ASUS PVI-486SP3 (DX33, SX, DX2-66, OverDrives)
ASUS TX97(P-200 MMX)
ASUS TX97-X (P-200 MMX)
ASUS VL/EISA-486SV1 (DX33, SX, DX2-66, OverDrives)
ASUS VL/I-486SV2G (486SX/DX/DX2)
ASUS VX97 (P-200 MMX)
ASUS VX97-X (P-200 MMX)

DFI G586-VPM (P-90)

Motherboards ***(Continued)***

DTK FEAT-39 (DX4-100)
DTK PKM0038e
DTK QUIN-54/I (P-133)

FIC PA-2002 (P-75)
FIC PA-2002 (P-100)
FIC PA-2002 (P-133)
FIC PT-2003 (P-75)
FIC PT-2003 (P-120)
FIC PT-2003 (P-150)
FIC PT-2003 (P-166)

GenoaTurbo Express 486VL
GenoaTurbo Express 586 PCI-4
GenoaTurbo Express 586VL

Motherboards ***(Continued)***

Intel Advanced/AL (Aladdin-Triton) (P-90)
Intel Advanced/AS (Atlantis) (P-166)
Intel Advanced/ATX
Intel Advanced/EV (Endeavor) (P-75)
Intel Advanced/EV (Endeavor) (P-90)
Intel Advanced/EV (Endeavor) (P-100)
Intel Advanced/EV (Endeavor) (P-120)
Intel Advanced/EV (Endeavor) (P-133)
Intel Advanced/EV (Endeavor) (P-150)
Intel Advanced/EV (Endeavor) (P-166)
Intel Advanced/ML (P-133)
Intel Advanced/MN (Morrison) (P-100)
Intel Advanced/PO (P-133)
Intel Advanced/RH (P-133)
Intel Advanced/VS (Venus) (PP-180)
Intel Advanced/ZE Minitower (P-100)
Intel Advanced/ZP (Zappa-Triton) (P-90)
Intel ALTserver (Altair) (P-150)
Intel ALTserver (Altair) (P-166)
Intel ALTserver (Altair) (2 CPUs, P-100)
Intel AP440FX (PP-200)
Intel Express (2 CPUs, P-60)
Intel Express (2 CPUs, P-66)
Intel Express (2 CPUs, P-90)
Intel Xtended Xpress (2 CPUs, P-100)
Intel Xtended Xpress (4 CPUs, P-100)
Intel NP30HX (P-166)
Intel Performance AU (PP-180)
Intel Performance AU (PP-200)
Intel Premiere/PCI II Baby AT Board (P-90)
(sometimes referred to as Plato)[1]
Intel Premiere PCI II (P-100)
Intel RU430HX (P-150)
Intel RU430HX (P-166)
Intel TE430VX (P-166 MMX)
Intel TE430VX (P-200 MMX)
Intel VS440FX (PP-200)

Motherboards ***(Continued)***

Micronics EISA 486DX (30, 50, 66 CPU)
Micronics EISA VLB 486DX (30, 50, 66 CPU)
Micronics EISA VLB 486DX2 (30, 50, 66 CPU)
Micronics ISA VLB 486DX2
Micronics JX30 WB (486DX4-100)
Micronics LPH54 (P-75)
Micronics LPH54 (P-90)
Micronics LPH54 (P-100)
Micronics LPH54 (P-120)
Micronics LPH54 (P-133)
Micronics LX30 WB (486SX33)
Micronics M5PE (P-66)
Micronics M5PI (P-66)
Micronics M54HI Plus (P-90)
Micronics M54HI Plus (P-100)
Micronics M54HI Plus (P-120)
Micronics M54HI Plus (P-133)
Micronics M54HI Plus (P-150)
Micronics M54HI Plus (P-166)
Micronics M54HI Triton (P-100)
Micronics M54PE (1 CPU, P-90)
Micronics M54PE (1 CPU, P-100)
Micronics M54PE (1 CPU, P-133)
Micronics M54PE (2 CPUs, P-90)
Micronics M54PE (2 CPUs, P-100)
Micronics M54PE (2 CPUs, P-133)
Micronics M54PI (P-90 or P-75)
Micronics M54SI (P-75)
Micronics M54SI (P-90)
Micronics M54SI (P-100)
Micronics M54LI-1B (P-90)
Micronics M54LI-1B (P-133)
Micronics Mpower 4 plus (486DX2-66)

SuperMicro P55CMS
SuperMicro P5STE (P-133)
SuperMicro P5STE (P-166)
SuperMicro P6DNE (2 CPUs, PP-200)
SuperMicro P6DNF (2 CPUs, PP-200)

Motherboards ***(Continued)***

Suria SC-4SIO (486DX-Cyrix)
Suria SC-4SIO (486DX2-80-AMD)
Suria SC-4SIO (486DX4-100)
Suria SC-5TIO (P-75)
Suria SC-5TIO (P-133)
Suria SC-5TIO (P-166)
Suria SC-5TIO PB (P-133)

Tulip TC32 (486DX2-66)
Tulip TC40 (486DX2-66)
Tulip TC42 (P-90)
Tulip TC43 (P-90)

Tyan S1462 (P-120)
Tyan S1462 (P-150)
Tyan S1462 (P-166)
Tyan S1462 (2 CPUs, P-133)
Tyan S1468 (P-120)
Tyan S1470 (P-166)
Tyan S1470 (P-200)
Tyan S1472 ATK (P-166)
Tyan S1472 ATK (P-200)
Tyan S1563D (P-166)
Tyan S1563D (P-200)
Tyan S1563D (2 CPUs, P-166)
Tyan S1563D (2 CPUs, P-200)
Tyan S1662D (PP-200)
Tyan S1668 (2 CPUs, PP-200)
Tyan S1672 (PP-200)

VEGA 486F-3VL with Symphony SL1287, SL82C461, SL82C362 chipset and 486DX2-66 CPU

1. Only the version that uses Neptune-2 stepping of the PCI chipset has been tested and certified.

Video Display Adapters													
				Resolution and Color Depth									
				800x600		1024x768		1152x900		1280x1024		1600x1200	
Vendor	**Model**	**Bus**	**Chipset[23]**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**
Acer	ET4000/W32[1]	ISA	ET4000/W32	✓		✓							
ALR	Flyer	VL	WD90C33			✓							
AST	Manhattan 5090P[2]	—	Cirrus Logic GD5424	✓									
ATI	3D Pro Turbo PC2TV	PCI	ATI Mach64GT (RAGE II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	3D Xpression	PCI	ATI Mach64GT (RAGE)	✓	✓	✓		✓		✓			
	8514 Ultra	ISA	ATI Mach8			✓							
	Graphics Xpression[3]	PCI	ATI Mach64	✓	✓	✓		✓		✓			
	Graphics Xpression[3]	VLB	ATI Mach64	✓	✓	✓		✓		✓			
	Graphics Pro Turbo[3]	PCI	ATI Mach64	✓	✓	✓	✓	✓		✓			
	Graphics Pro Turbo[3]	VLB	ATI Mach64	✓	✓	✓	✓	✓		✓			
	Graphics Pro Turbo 1600	PCI	ATI Mach64	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Winturbo[3, 4,]	PCI	ATI Mach64	✓	✓	✓		✓		✓			
	Graphics Ultra	ISA	ATI Mach8			✓							
	Graphics Ultra+	ISA	ATI Mach32	✓		✓							
	Graphics Ultra Pro	ISA	ATI Mach32	✓		✓		✓		✓			
	Graphics Ultra Pro	PCI	ATI Mach32	✓		✓		✓		✓			
	Graphics Ultra Pro	VLB	ATI Mach32	✓		✓		✓		✓			
	Mach64[3, 5]	—	ATI Mach64	✓		✓							
	Mach64CT[3, 5]	—	ATI Mach64CT	✓	✓	✓		✓		✓			
	Mach64CT Rev. 2[3, 5]	—	ATI Mach64CT	✓	✓	✓		✓		✓			
	Mach64GT (RAGE)	—	ATI Mach64GT (RAGE)	✓	✓	✓		✓		✓			
	Mach64GT (RAGE II)	—	ATI Mach64GT (RAGE II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Mach64VT	PCI	ATI Mach64VT	✓	✓	✓		✓		✓			
	VGA Wonder+	ISA	ATI Mach8			✓							
	VGA Wonder XL	ISA	ATI Mach8			✓							

Video Display Adapters *(Continued)*													
				Resolution and Color Depth									
				800x600		1024x768		1152x900		1280x1024		1600x1200	
Vendor	**Model**	**Bus**	**Chipset[23]**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**
ATI, cont.	VGA Wonder XL 24	ISA	ATI Mach8			✓							
	Video Expression	PCI	ATI Mach64VT	✓	✓	✓		✓		✓			
Boca	Voyager 64	PCI	S3 Trio64	✓	✓	✓		✓		✓			
Chips & Technology	65540[5]	—	—	✓		✓							
	65545[5]	—	—	✓		✓							
	65545[5]	—	F65545	✓		✓		✓					
	65548[5]	—	F65548	✓		✓		✓					
	65550[5]	—	F65550	✓		✓		✓		✓			
Cirrus Logic	5420 chipset w/512Kbyte DRAM[5]		GD5420	✓									
	5424 chipset w/512Kbyte DRAM[2, 5]		GD5424	✓									
	5428 chipset[5]	—	GD5428	✓		✓		✓		✓			
	5428 chipset w/512Kbyte VRAM[5]		GD5428	✓									
	5429 chipset[5]	—	GD5429	✓		✓		✓		✓			
	542*x* chipset[5]					✓							
	5430 chipset[5]		GD5430	✓		✓		✓		✓			
	5434 chipset[5]		GD5434	✓	✓	✓	✓	✓		✓			
	5436 chipset[5]	PCI	GD5436	✓	✓	✓		✓		✓			
	54M40 chipset[5]	—	GD54M40	✓									
	5446 chipset[5]	PCI	GD5446	✓	✓	✓		✓		✓			
	7543 chipset[5]	—	GD7543	✓		✓							
Compaq	ProLiant	—	Cirrus Logic GD5420	✓									
	ProLiant 1000	—	Cirrus Logic GD5420	✓									
	ProLiant 1500	—	Cirrus Logic GD5420	✓									

Video Display Adapters *(Continued)*													
				Resolution and Color Depth									
				800x600		1024x768		1152x900		1280x1024		1600x1200	
Vendor	**Model**	**Bus**	**Chipset[23]**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**
Compaq, cont.	ProLiant 2000	—	Cirrus Logic GD54M30	✓									
	ProLiant 2500	—	Cirrus Logic GD5420	✓									
	ProLiant 4000	—	Cirrus Logic GD5420	✓									
	ProLiant 4500	—	Cirrus Logic GD5424	✓									
	ProLiant 5000	—	Cirrus Logic GD5424	✓									
	ProLinea	ISA	ET4000			✓							
	ProSignia[6]	—	Cirrus Logic GD5420	✓									
	ProSignia 300	—	Cirrus Logic GD5424	✓									
	ProSignia 300/500	—	Cirrus Logic GD5420	✓									
	ProSignia 300/500	—	Cirrus Logic GD5424	✓									
	QVision 1024/E	EISA	TRITON			✓							
	QVision 1024/I	ISA	TRITON			✓							
	QVision 1280 chipset[7]	EISA	ORION	✓	✓	✓		✓		✓			
	QVision 2000	PCI	Matrox MGA-2	✓	✓	✓		✓		✓			
	QVision 2000 (Rev. G)	PCI	Matrox MGA-3	✓	✓	✓		✓		✓			
CompuAdd	Hi-Res VGA	ISA	ET4000			✓							
DEC	DECpc XL 590	—	Cirrus Logic GD5428	✓									
Dell	DE Series	ISA	ET4000			✓							
	L Series		ET4000/W32			✓							
	L Series		ET4000/W32i			✓							
	M/ME Series		S3 805			✓							
	OptiPlex DGX 590	—	ATI Mach64	✓	✓	✓		✓		✓			

Video Display Adapters *(Continued)*													
				Resolution and Color Depth									
				800x600		1024x768		1152x900		1280x1024		1600x1200	
Vendor	**Model**	**Bus**	**Chipset[23]**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**
Dell, cont.	OptiPlex XMT 590	—	S3 Vision 864		✓	✓		✓		✓			
	PowerEdge SP5*xx*		ATI Mach32			✓							
Diamond	SpeedStar 24x	ISA	WD90C31			✓							
	SpeedStar 64/ SpeedStar 64 Graphics 2000XL Series	ISA/ PCI	Cirrus Logic GD5434	✓	✓	✓		✓		✓			
	SpeedStar Plus	ISA	ET4000			✓							
	SpeedStar Pro/ SpeedStar Pro 1100	ISA	Cirrus Logic GD5426			✓							
	Stealth 3D 2000	PCI	S3 ViRGE (325)	✓	✓	✓		✓		✓			
	Stealth 3D 3000	PCI	S3 ViRGE/VX (988)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Stealth 24	ISA	S3 801			✓							
	Stealth 32	PCI	ET4000/W32p	✓	✓	✓		✓		✓			
	Stealth 32	VLB	ET4000/W32p	✓	✓	✓		✓		✓			
	Stealth 64 DRAM/ Stealth 64 Graphics 2000 Series	PCI/ VLB	S3 Vision 864	✓	✓	✓		✓		✓			
	Stealth 64 DRAM	PCI	S3 Trio64	✓	✓	✓		✓		✓			
	Stealth 64 VRAM	PCI	S3 Vision 964	✓	✓	✓	✓	✓	✓	✓			
	Stealth 64 VRAM	VLB	S3 Vision 964	✓	✓	✓	✓	✓	✓	✓			
	Stealth Video DRAM/ Stealth 64 Video 2000 Series	PCI/ VLB	S3 Vision 868	✓	✓	✓		✓		✓		✓	
	Stealth 64 Video 2001	PCI	S3 Vision 765	✓	✓	✓		✓		✓			
	Stealth Video VRAM/ Stealth 64 Video 3000[8] Series	PCI	S3 Vision 968	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Stealth Pro	ISA	S3 928			✓							
	Stealth SE	PCI	S3 Trio32	✓		✓		✓					
	Stealth VRAM	ISA	S3 911			✓							
	Viper PCI	PCI	Weitek Power 9000	✓		✓		✓		✓			

Video Display Adapters *(Continued)*

Vendor	Model	Bus	Chipset[23]	Resolution and Color Depth									
				800x600		1024x768		1152x900		1280x1024		1600x1200	
				8	24	8	24	8	24	8	24	8	24
Diamond, cont.	Viper VLB	VLB	Weitek Power 9000	✓		✓		✓		✓			
	Viper Pro	PCI	Weitek Power 9100	✓		✓		✓		✓			
	Viper Pro	VLB	Weitek Power 9100	✓		✓		✓		✓			
	Viper SE[9]	PCI	Weitek Power 9100	✓		✓		✓		✓			
ELSA	Victory 3D	PCI	S3 ViRGE (325)	✓	✓	✓	✓	✓		✓			
	Winner 1000	VLB	S3 928	✓		✓		✓					
	Winner 1000 AVI	PCI	S3 868	✓	✓	✓		✓		✓			
	Winner 2000	VLB	S3 928	✓		✓		✓		✓			
	Winner 1000Pro-VL[10]	VLB	S3 Vision 864	✓	✓	✓		✓		✓			
	Winner 2000Pro-PCI	PCI	S3 Vision 964	✓	✓	✓	✓	✓	✓	✓		✓	
	Winner 2000Pro-VL	VLB	S3 Vision 964	✓	✓	✓	✓	✓	✓	✓		✓	
	Winner 2000Pro-X	PCI	S3 968	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Winner 3000-S	PCI	S3 ViRGE (325)	✓	✓	✓		✓		✓			
Everex	FIC 864P	PCI	S3 Vision 864	✓	✓	✓		✓		✓			
	VGA Trio 64P	PCI	S3 Trio64	✓	✓	✓		✓		✓			
	ViewPoint 64P	PCI	S3 Vision 864	✓	✓	✓		✓		✓			
Genoa	SuperVGA 7000					✓							
Hercules	Dynamite 128/Video	PCI	Tseng ET6000	✓	✓	✓	✓	✓		✓			
Hewlett-Packard	HP NetServer LC/LE/LF		TVGA 9000i	✓									
	HP Vectra VL2		Cirrus Logic GD5428	✓		✓							
	HP Vectra XM2i		S3 Vision 864	✓		✓		✓					
	HP Vectra XU[11]	—	S3 Vision 864	✓	✓	✓		✓		✓			
IBM	Easy Options (VC550)[12]	ISA	Cirrus Logic GD5428			✓							
	PC 330—Model 6575	—	S3 864	✓	✓	✓		✓		✓			
	PC 330—Model 6576	—	S3 Trio64	✓		✓		✓					
	PC 350—Model 6581	—	Cirrus Logic GD5430	✓		✓		✓		✓			

Video Display Adapters *(Continued)*													
				Resolution and Color Depth									
				800x600		1024x768		1152x900		1280x1024		1600x1200	
Vendor	**Model**	**Bus**	**Chipset[23]**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**
IBM, cont.	PC 360—Model 6598	—	Storm	✓	✓	✓	✓	✓	✓	✓		✓	
	PC 750—Model 6885-35H	—	S3 864 + S3 SDAC	✓	✓	✓		✓		✓			
	PC 750—Model 6885-J0M	—	S3 864 + S3 SDAC	✓	✓	✓		✓		✓			
	PC Series 300-486		Cirrus Logic GD5430	✓		✓							
	PC Series 300		S3 Vision 864	✓	✓	✓		✓		✓			
	PC Series 700		S3 Vision 864	✓	✓	✓		✓		✓			
	PC Server 310—Model 8639-0DT	—	S3 868	✓		✓		✓		✓			
	PC Server 310—Model 8639-0EO	—	S3 Trio64V+	✓		✓		✓					
	PC Server 310—Model 8639-0XT	—	S3 864	✓		✓		✓					
	PC Server 320—Model 8640-0DV	—	Cirrus Logic GD5428	✓		✓							
	PC Server 320—Model 8640-0NJ	—	Cirrus Logic GD5428	✓		✓							
	PC Server 320—Model 8640-0XT	—	Cirrus Logic GD5428	✓		✓							
	PC Server 320—Model 8640-0YT	—	Cirrus Logic GD5428	✓		✓							
	PC Server 320—Model 8640-MXT	—	Cirrus Logic GD5430	✓		✓							
	PC Server 325—Model 8639-ESO	—	Cirrus Logic GD5436	✓		✓		✓					
	PC Server 325—Model 8639-ESV	—	Cirrus Logic GD5436	✓		✓		✓					
	PC Server 500—Model 8641-0YR	—	Cirrus Logic GD5428	✓		✓							
	PC Server 500—Model 8641-0YT	—	Cirrus Logic GD5428	✓		✓							

Video Display Adapters *(Continued)*													
				Resolution and Color Depth									
				800x600		1024x768		1152x900		1280x1024		1600x1200	
Vendor	**Model**	**Bus**	**Chipset[23]**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**
IBM, cont.	PC Server 520—Model 8641-ED2	—	Cirrus Logic GD5428	✓		✓							
	PC Server 520—Model 8641-EDG	—	Cirrus Logic GD5428	✓		✓							
	PC Server 520—Model 8641-EZS	—	Cirrus Logic GD5428	✓		✓							
	PC Server 520—Model 8641-EZV	—	Cirrus Logic GD5428	✓		✓							
	PC Server 720—Model 8642-0ZO	—	Cirrus Logic GD5428	✓		✓							
	PS/Valuepoint		S3 805			✓							
	PS/ValuePoint Performance Series		S3 Vision 864	✓	✓	✓		✓		✓			
	VGA[13]	ISA	IBM VGA	✓	✓								
	XGA	MCA	XGA			✓							
	XGA-2	MCA	XGA-2			✓							
Intel	Professional/GX High Resolution		ATI Mach32	✓		✓		✓		✓			
	TMI/IPG	—	WD9031A	✓									
	Xpress VGA		WD90C31			✓							
Intergraph	TD-1[14]		S3 928	✓		✓		✓		✓			
	TD-2, TD-3; (G90)[15]	PCI	Weitek Power 9000	✓		✓		✓		✓			
	G91[16]	PCI	Weitek Power 9100			✓				✓		✓	
	G95[17]	PCI	STORM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	ISMP (SMP 224)[18]		Cirrus Logic GD5434	✓	✓	✓	✓	✓		✓			
Matrox	MGA Impression	VLB	Matrox MGA-1	✓	✓	✓	✓	✓		✓		✓	
	MGA Impression Plus	PCI	Matrox MGA-3	✓		✓		✓		✓			
	MGA Millenium	PCI	STORM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	MGA Millenium 220	PCI	STORM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	MGA Mystique	PCI	MGA 1064SG	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Video Display Adapters *(Continued)*													
				Resolution and Color Depth									
				800x600		1024x768		1152x900		1280x1024		1600x1200	
Vendor	**Model**	**Bus**	**Chipset[23]**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**
Matrox, cont.	MGA Ultima	VLB	Matrox MGA-2	✓	✓	✓		✓		✓			
	MGA Ultima Plus	PCI	Matrox MGA-2	✓	✓	✓		✓		✓		✓	
	MGA Ultima Plus 200	PCI	Matrox MGA-2	✓	✓	✓	✓	✓	✓	✓		✓	
Micronics	Mpower 4 plus[3]	—	ATI Mach64	✓		✓							
Miro	miroCRYSTAL 20SD	PCI	S3 Vision 864, S3 SDAC	✓	✓	✓		✓		✓			
	miroCRYSTAL 20SD	PCI	S3 Vision 864	✓	✓	✓		✓		✓			
	miroCRYSTAL 40SV	PCI	S3 Vision 964	✓	✓	✓	✓	✓	✓	✓			
	miroMagic	ISA	S3 805			✓				✓			
Nanao	EizoAccel AA51	ISA	CHIPS F82C480			✓				✓			
	Nanao HA50/HL50	ISA	S3 928			✓				✓		✓	
	Nanao HA60	ISA	S3 928			✓				✓		✓	
Number Nine	#9GXE[19]	ISA	S3 928	✓		✓		✓		✓			
	#9GXE[19]	VLB	S3 928	✓		✓		✓		✓			
	#9GXE64	PCI	S3 Vision 864	✓	✓	✓		✓		✓		✓	
	#9GXE64 Pro	PCI	S3 Vision 964	✓	✓	✓	✓	✓	✓	✓		✓	
	9FX Motion 331	PCI	S3 Trio64V+	✓	✓	✓		✓		✓			
	9FX Motion 531	PCI	S3 Vision 868	✓	✓			✓		✓			
	9FX Motion 771	PCI	S3 Vision 968	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	9FX Reality 332	PCI	S3 ViRGE (325)	✓	✓	✓		✓		✓			
	Imagine 128	PCI	Imagine 128	✓	✓	✓	✓	✓	✓	✓		✓	
	Imagine 128 Pro	PCI	Imagine 128	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Imagine 128 Series 2	PCI	Imagine 128 V2	✓	✓	✓	✓	✓	✓	✓		✓	
	Imagine 128 Series 2e	PCI	Imagine 128 V2	✓	✓	✓	✓	✓		✓		✓	
	Vision330[20]	PCI	S3 Trio64	✓	✓	✓		✓		✓			
Oak Technology	OTI107	PCI	OTI107	✓	✓	✓		✓		✓			
	OTI111	PCI	OTI111	✓	✓	✓		✓		✓			
Orchid	Fahrenheit 1280	ISA	S3 924			✓							
	Fahrenheit 1280 Plus	ISA	S3 801			✓							

Video Display Adapters *(Continued)*

Vendor	Model	Bus	Chipset[23]	Resolution and Color Depth									
				800x600		1024x768		1152x900		1280x1024		1600x1200	
				8	24	8	24	8	24	8	24	8	24
Orchid, cont.	Fahrenheit 1280 Plus	VLB	S3 801	✓		✓							
	Fahrenheit VA	ISA	S3 801			✓							
	Kelvin 64	PCI	Cirrus Logic GD5434	✓	✓	✓		✓		✓			
	Kelvin 64[21]	VLB	Cirrus Logic GD5434	✓	✓	✓		✓		✓			
	Prodesigner IIs	ISA	ET4000			✓							
S3	928[5]	—		✓		✓		✓		✓			
	Trio32[5]	—	S3 Trio32	✓		✓							
	Trio64 chipset[5]	—	S3 Trio64	✓	✓	✓		✓		✓			
	Trio64V+ chipset[5]	—	S3 Trio64V+	✓	✓	✓		✓		✓			
	Trio64V2/DX	—	S3 Trio64V2/DX	✓	✓	✓		✓		✓			
	ViRGE chipset	—	S3 ViRGE (325)	✓	✓	✓	✓	✓		✓			
	ViRGE/VX chipset	—	S3 ViRGE/VX (988)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Vision 864+SDAC chipset[5]		S3 864	✓	✓	✓		✓		✓			
	Vision 868[5]	—	S3 868	✓		✓		✓		✓			
SPEA	V7-Mercury	ISA				✓							
	V7-Mirage P-64	PCI	S3 868	✓	✓	✓		✓		✓			
STB	Lightspeed 128	PCI	ET 6000	✓	✓	✓		✓		✓			
	Lightspeed VL	VLB	ET4000/W32p	✓	✓	✓		✓		✓			
	NITRO PCI	PCI	Cirrus Logic GD5434	✓	✓	✓	✓	✓		✓			
	PowerGraph 64	PCI	S3 Trio64	✓	✓	✓		✓		✓			
	Powergraph 64 Video	PCI	S3 Trio64V+	✓	✓	✓		✓		✓			
	PowerGraph ERGO	ISA	ET4000			✓							
	PowerGraph PRO PCI	PCI	S3 Vision 864	✓	✓	✓		✓		✓			
	Velocity 3D	PCI	S3 ViRGE/VX (988)	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Velocity 64V	PCI	S3 968	✓	✓	✓	✓	✓	✓	✓		✓	

Video Display Adapters *(Continued)*

Vendor	Model	Bus	Chipset[23]	Resolution and Color Depth									
				800x600		1024x768		1152x900		1280x1024		1600x1200	
				8	24	8	24	8	24	8	24	8	24
Toshiba	J3100	—	Western Digital 90C31A	✓		✓							
Trident	9440[22]	PCI	TGUI9440	✓		✓							
	9680	PCI	TGUI9680	✓		✓		✓		✓			
	TVGA 8900C	ISA	Trident 8900C			✓							
	TVGA 9000i		Trident 9000i	✓									
Tseng	ET 6000	—	ET 6000	✓	✓	✓		✓		✓			
Western Digital	Paradise Accelerator	ISA	WD90C31			✓							

1. The ET4000/W32 video cards that are shipped with Acer machines are not all the same. If you encounter any display problems when the OpenWindows environment is running, try using a different add-on board that is compatible with the Solaris operating environment.
2. Video adapters based on the Cirrus Logic GD5424 chipset with 512-Kbyte DRAM may not perform well in 800x600x256 mode, particularly if the selected monitor refresh rate is 60 Hz or higher.
3. Support is provided for ATI cards with ATI Mach64 chips and these RAMDACS: ATT68860, ATT20C408, ATT20C491, ATT20C498, STG1702, and STG1703.
4. The ATI Winturbo model is equivalent to the Gateway ATI GX Mach64 PCI video card.
5. SunSoft does not guarantee that every video card with this chipset will work, but it is possible that your model will be one of a large number that can be used successfully.
6. The ProSignia 300 systems and some models of the ProSignia Server systems with the Cirrus Logic 5424 graphics chip are supported. Choose one of the "Cirrus Logic 5424 (512k)" entries when configuring the window system using `kdmconfig`.
7. Used on the Compaq QVision 1280/E Graphics Controller and in the Compaq Deskpro 590.
8. For cards using the IBM or TI RAMDACs only.
9. The Diamond Viper SE is not supported at 80 Hz in 1280x1024 resolution.
10. The ELSA Winner 1000Pro with the ATT20C498 RAMDAC is supported.
11. Both the STG1702 and the ATT21C498 RAMDAC are supported.
12. Select "Cirrus Logic 542x" when configuring the display adapter during Solaris installation.
13. 640x480, 16 colors. Any 256-Kbyte or better VGA adapter supporting standard IBM mode 0x12 graphics. For VGA with 800x600 virtual screen, select "16 color, 640x480 VGA panning @800x600 (for experts only, see docs)" when configuring the display adapter during Solaris installation. **Warning**: This selection enables panning mode on a standard VGA. This video mode supports a virtual resolution of 800x600, but is only capable of physically displaying 640x480 pixels at a time. This may be a preferred mode to use on small screens, but the use of panning may require some training. See *x86 Device Configuration Guide* for more information.
14. To support 1152x900 or 1280x1024 resolution on the Intergraph TD-1 display adapter, you must select an interlaced monitor type when configuring the Solaris window system. Choose "Multifrequency 56kHz (up to 1280x1024 interlaced)" as the monitor type. See the documentation supplied with Driver Updates for more information.
15. The Intergraph G90 is synonymous with the Diamond Viper video card.
16. The Intergraph G91 also supports a resolution of 1600x1280 for 8-bit color.
17. To support the Intergraph G95, select the graphics card "Matrox MGA Millenium" when configuring the Solaris window system.
18. To support the Intergraph ISMP, select the graphics card "Cirrus Logic GD5434" when configuring the Solaris window system.
19. The Number Nine #9GXE video display adapters (ISA and VESA local bus) support 24-bit color in 640x480 mode *only.*
20. Select "#9GXE 64 (Trio64)" when configuring the display adapter during Solaris installation.

21. Older versions of the Orchid Kelvin 64 VLB card have memory addressing limitations that may cause problems if your system contains 32 Mbytes or more of RAM. See the documentation supplied with Driver Updates for further information.

22. This card does not work at the 1024x768 resolution with a 56-kHz refresh rate.

23. The information in the chipset column does not guarantee that video boards made by another manufacturer using the same chipset will work. Only the specific models listed by Vendor, Model, Bus, and Chipset have been tested.

"—" in the Bus column indicates a video controller model that is used on video display adapters and motherboards.

Notebook Display Video Support										
			Resolution and Color Depth E=With External Monitor I=With Internal Monitor							
			640x480		800x600		1024x768		1280x1024	
Vendor	**Model**	**Chipset**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**
Ambra	SN425C[1]	WD 90C24	**I**							
AST	Ascentia 950N w/SVGA Panel	Cirrus Logic GD7543	**E,I**		**E,I**		**E**			
	PowerExec 4/33SL	WD 90C26	**I**							
Compaq	ARMADA 4120T	Cirrus Logic GD7548			**E,I**		**E**			
	LTE 4/25C	WD 90C24	**I**							
	LTE 4/33C	WD 90C24	**I**							
	LTE Elite 4/40C	WD 90C24	**E,I**		**E**		**E**			
	LTE 5100	Cirrus Logic GD7543	**E,I**		**E,I**		**E**			
	LTE 5200	Cirrus Logic GD7543	**E,I**		**E,I**		**E**			
Dell	Latitude XPi 75D	Cirrus Logic GD7543	**E,I**		**E**		**E**			
	Latitude XPi P133ST	Neo Magic NM2070			**E,I**		**E**			
	Latitude LM P133ST	Neo Magic NM2070			**E,I**		**E**			
Ergo	Power Brick	WD 90C24	**I**							
HP	Omni 5550	Chips&Technology 65548	**E,I**		**E,I**		**E**			
IBM	ThinkPad 750	WD 90C24	**E,I**							
	ThinkPad 750C	WD 90C24	**I**							
	ThinkPad 755C	WD 90C24	**E,I**		**E**		**E**			
	ThinkPad 755CD	WD 90C24	**E,I**		**E**		**E**			
	ThinkPad 755CV	WD 90C24	**E,I**		**E**		**E**			
	ThinkPad 755CX w/SVGA Panel	WD 90C24	**E,I**		**E,I**		**E**			
	ThinkPad 760CD	Trident 9320			**E,I**		**E**			
	ThinkPad 760ED	Trident 9385			**E,I**		**E**		**E**	
NEC	Versa/50	WD 90C24	**I**							
	Versa M75C	Chips&Technology 65540	**E,I**		**E**		**E**			
	Versa M75HC	Chips&Technology 65545	**E,I**		**E,I**		**E**			
	Versa UltraLite	WD 90C24	**I**							

Notebook Display Video Support *(Continued)*										
			Resolution and Color Depth E=With External Monitor I=With Internal Monitor							
			640x480		800x600		1024x768		1280x1024	
Vendor	**Model**	**Chipset**	**8**	**24**	**8**	**24**	**8**	**24**	**8**	**24**
Panasonic	CF-V211[1]	WD 90C24	**I**							
TI	Extensa 560CDT	Cirrus Logic GD7543	**E,I**		**E**		**E**			
	TravelMate 4000E TFT	Cirrus Logic GD6440	**I**							
Toshiba	4800CT	WD 90C24	**E,I**		**E**		**E**			
	4850CT	WD 90C24	**E,I**		**E**		**E**			
	4900CT	Chips&Technology 65545	**E,I**		**E**		**E**			
	Portege 610CT	Chips&Technology 65546	**E,I**		**E**		**E**			
	Portege 650CT	Chips&Technology 65550			**E,I**		**E**		**E**	
	Satellite Pro 400CDT	Chips&Technology 65546	**E,I**		**E**		**E**			
	Satellite Pro 410CDT	Chips&Technology 65548	**E,I**		**E,I**		**E**			
	Satellite Pro 425CDT	Chips&Technology 65550	**E,I**		**E,I**		**E**		**E**	
	T3400	WD 90C24	**I**							
	T4400C	WD 90C30	**I**							
	T4600C	WD 90C26	**I**							
	T4700C	WD 90C24	**I**							
	Tecra 700CT	Chips&Technology 65548	**E,I**		**E,I**		**E**			
	Tecra 720CDT	Chips&Technology 65550	**E,I**		**E,I**		**E,I**		**E**	
	Tecra 730CDT	Chips&Technology 65550	**E,I**		**E,I**		**E,I**		**E**	
Twinhead	Slimnote 486E	WD 90C24	**I**							
Zenith Data Systems	Z-Note GT	Chips&Technology 65548	**E,I**		**E,I**		**E**			
	Z-Noteflex	WD 90C24	**E,I**		**E**		**E**			

1. Select "T3400ct,T4700ct, Twinhead 486E, ThinkPad 750: WD90C24 w/1Mb" when configuring the display adapter during Solaris installation.

Note – For a list of Notebook Computers that have been tested with the Solaris 2.5/2.5.1 x86 operating environment, see page 20.