

Microsoft Windows® NT Version 4.0 Beta Release

Hardware Compatibility List

The following computers and peripherals have been tested and have passed compatibility testing with the Windows NT 4.0 beta release. Some computers may be sold with peripherals that are not yet supported by the Windows NT operating system, or that require a device driver supplied by the manufacturer. We have not tested every computer and/or device in all possible configurations. Please refer to the Release Notes for additional compatibility information when installing this Windows NT 4.0 beta release.

Items listed with footnote number ¹ require one of the device drivers available in the \DRVLIB directory on the Windows NT 4.0 beta CD-ROM.

If you encounter a problem while running this Windows NT 4.0 beta release, we would appreciate hearing from you. If you have access to MS-Report, please use that tool to report the problem you are encountering. If you do not, please find and complete 'probrep.txt' located in your system32 directory. Those tools include instructions for submitting your report. If you have any questions or comments about the problem reporting process, please contact ntbug@microsoft.com.

x86 Architecture Uniprocessor Computers

The following x86 architecture uniprocessor systems have been tested.

ACER AcerAcros (Pentium™ 90Mhz)
ACER AcerAcros 850 (Pentium 90Mhz)
ACER AcerAltos 7000 (Pentium/90)
ACER AcerMate 850 (Pentium 90Mhz)
ACER AcerPower (Pentium 90Mhz)
ACER AcerPower 486/33
ACER AcerPower 560p (Pentium/60)
ACER AcerPower 560pt (Model P560M)
ACER AcerPower 560tu (Model P560TU)
ACER AcerPower 590hd
ACER AcerPower 800 (Pentium 90Mhz)
ACER AcerPower P90p
ACER AcerPower/V (Pentium 90Mhz)
ADS ADS 590 PCI/VESA®/ISA
Alaris CIAN P560
ALR® BusinessVEISA 4/33D
ALR Evolution V STP/60
ALR Evolution V/60
ALR Revolution MP P/90 (1p)
Apricot® FTe 486DX2/66
AST® Ascentia 910N 4/50
AST Ascentia 950N Pentium/75
AST Manhattan V Series 5090 (1p)
AST P6-150
AST Premium II 486/33
AST Premmia 4/66d
AST Premmia MX P/75
AT&T® Globalyst 363TPC
AT&T Globalyst 520 (3238) ISA/PCI
AT&T Globalyst 530 (3248) ISA/PCI
AT&T Globalyst 590 (3346) Pentium ISA/PCI
COMPAQ® Contura 420C
COMPAQ Contura 420CX
COMPAQ Contura 430C
COMPAQ Contura 430CX
COMPAQ Deskpro® 4/66i
COMPAQ Deskpro 486/50M
COMPAQ Deskpro XE 560
COMPAQ Deskpro XL 466
COMPAQ Deskpro XL 5100
COMPAQ Deskpro XL 590
COMPAQ Deskpro/XL 6150
COMPAQ LTE® 5200
COMPAQ LTE Elite 4/50CX
COMPAQ LTE Elite 4/75CX
COMPAQ ProLinea 6150e
CompuAdd® 466E DX2
Comtrade EISA GigaByte Ultima 486DX2-66
Comtrade VESA/PCI WIN-Station P90
CUBE 466 ATX Local Bus

Data Stor 486-66DX2E Desktop/Tower

DELL® 433/DE
DELL 433/M
DELL 450/ME
DELL 466/ME
DELL 486/D50
DELL Dimension 433SV
DELL Dimension XPS P120c
DELL Dimension XPS P90
DELL Dimension XPS Pro150
DELL Latitude XP4100CX
DELL Latitude XP475C
DELL Latitude XPi P75D
DELL Latitude XPi P75T
DELL OmniPlex 560
DELL OmniPlex 590
DELL OptiPlex 4100/MTe
DELL OptiPlex 466
DELL OptiPlex 466/MXV
DELL OptiPlex G 5100
DELL OptiPlex G 575
DELL OptiPlex XLS 590
DELL OptiPlex XM 5120
DFI CCV 486DX2-66
Digital Equipment Corp. Celebris XL 6150
Digital Equipment Corp. DECpc XL Server 566
Digital Equipment Corp. HiNote Ultra CT475
Digital Equipment Corp. Multia MI Model VX51A/B-F2
Digital Equipment Corp. Priors XL Server 566
Digital Equipment Corp. Venturis 5120
DTK QUIN-54 Pentium 100
Duracom 486/66DX2-CCV
EPS Technologies Pentium Powerstation™ 90
Everex™ STEP SP/Pro
First LEO 66615
First LEO Predator Pro
First PO6000
Gateway 2000 486/33
Gateway 2000 486/33C
Gateway 2000 486/33E
Gateway 2000 486DX2/50
Gateway 2000 4DX-33V
Gateway 2000 G6-150
Gateway 2000 Liberty 2000 486DX4-100
Gateway 2000 P4D-100
Gateway 2000 P5-100XL
Gateway 2000 P5-120
Gateway 2000 P5-133XL
Gateway 2000 P5-60
Gateway 2000 P5-66
Gateway 2000 P5-90
Hertz P90
Hewlett-Packard® NetServer 4/100 LC
Hewlett-Packard NetServer 4d/66 LE
Hewlett-Packard NetServer 4d/66 LM

Hewlett-Packard NetServer 5/100 LC
 Hewlett-Packard NetServer 5/100 LH
 Hewlett-Packard NetServer 5/66 LC
 Hewlett-Packard NetServer 5/66 LF
 Hewlett-Packard OmniBook™ 4000CT 4/100
 Hewlett-Packard OmniBook 5000CT Pentium 90
 Hewlett-Packard Vectra® VL Series 3 5/100 PC
 Hewlett-Packard Vectra VL Series 3 5/120
 Hewlett-Packard Vectra XU 5/120 (1p)
 IBM® PC 330 Model 6575 Pentium/60
 IBM PC 330 Model 6576 Pentium/100
 IBM PC 330 Model 6576 Pentium/133
 IBM PC 350 Model 6585 Pentium/60
 IBM PC 350 Model 6586 Pentium/100
 IBM PC 350 Model 6586 Pentium/133
 IBM PC 360 Model 9598 Pentium Pro/150
 IBM PC 730 Model 6875 Pentium/90
 IBM PC 730 Model 6877 Pentium/100
 IBM PC 730 Model 6877 Pentium/133
 IBM PC 750 Model 6885 Pentium/90
 IBM PC 750 Model 6887 Pentium/100
 IBM PC 750 Model 6887 Pentium/133
 IBM PC Server 500 Pentium/90 8641-0Y0
 IBM PC Server 500 Pentium/90 8641-0YR
 IBM PC Server 500 Pentium/90 8641-0YS
 IBM PC Server 500 Pentium/90 8641-0YT
 IBM PC Server 500 Pentium/90 8641-0YV
 IBM PC Server 500 Pentium/90 8641-1Y0
 IBM PC Server 520 Pentium/100 8641-EZS (1p)
 IBM PS/2® Model 56 9556-xxx 486SLC2/50
 IBM PS/2 Model 57 9557-xxx 486SLC2/50
 IBM PS/2 Model 76 9576-xxx 486SX/33
 IBM PS/2 Model 76i 9576-xxx 486DX2/66
 IBM PS/2 Model 76s 9576-xxx 486DX2/66
 IBM PS/2 Model 77 9577-xxx 486SX/33
 IBM PS/2 Model 77i 9577-xxx 486DX2/66
 IBM PS/2 Model 77s 9577-xxx 486DX2/66
 IBM PS/2 Server 85 9585-0X* with 486DX2/66 processor upgrade
 IBM PS/2 Server 95 Array 566 9595-3Q*
 IBM PS/2 Ultimedia™ DV M57 9557-xxx 486SLC2/50
 IBM PS/2 Ultimedia M57 9557-xxx 486SLC2/50
 IBM PS/2 Ultimedia M77 9577-xxx 486SX/33
 IBM ThinkPad® 360CE 486DX2/50
 IBM ThinkPad 701C 486DX4/75
 IBM ThinkPad 750 486SL/33
 IBM ThinkPad 750C 486SL/33
 IBM ThinkPad 750CE 486DX2/50
 IBM ThinkPad 755C 486DX2/50
 IBM ThinkPad 755C 486DX4/75
 IBM ThinkPad 755CD 486DX4/100
 IBM ThinkPad 755CDV 486DX4/100
 IBM ThinkPad 755CDV 486DX4/75
 IBM ThinkPad 755CE 486DX4/100
 IBM ThinkPad 760CD Pentium 90
 IBM ThinkPad 760L Pentium 90
 IBM ThinkPad 760LD Pentium 90
 ICL System Platform FX486/33
 Insight 66MHz-PCI
 Intergraph® TD-10 Personal Workstation Pentium/75Mhz
 Intergraph TD-300 Personal Workstation Pentium Pro 150MHz
 International Instrumentation BLUE MAX 486 DX66 PCI
 International Instrumentation BLUE MAX P-60 PCI
 International Instrumentation BLUE MAX PENTIUM P5-60
 International Instrumentation Business Partner P-90
 Mega Computer ECO Series 486 DX2/66 VLB
 Micron 4100 PCI Magnum
 Micron P120PCI MILLENNIA
 Micron P133PCI MILLENNIA
 Micron P75PCI PowerStation Si
 Micron P90PCI PowerStation
 Midwest Micro 486DX2/50 Vesa/ISA
 Mitsuba M-South Series 590 Model 5B
 MPC Technology CD Book 800 486DX4/100
 National Microcomputers Power System DX2-66

NCR® StarStation
 NEC® PowerMate Pro150
 NEC Versa 4050H/90
 NEC Versa M/75
 NEC Versa P/75
 Northgate® Elegance 425i
 Northgate Elegance SP 433
 Olivetti® LSX5025
 Olivetti Suprema M6-950
 Shuttle HOT-539 P90/VESA/ISA/PCI
 Siemens-Nixdorf PCD-6H
 TC Computers Pentium 90 ISA/PCI
 Texas Instruments® TravelMate™ 5000M P/75
 Toshiba® 610CT
 Toshiba T2150CDS/520
 Toshiba T2150CDT/520
 Toshiba T2400CT/320
 Toshiba T3600CT/250
 Toshiba T4900CT/810
 TOTAL PERIPHERALS TP PRO-P6
 Tri-Star PENTIUM 100 MINI-T Tricad 3d
 Tri-Star Tri-CAD Ultimate 464V PCI P60
 Vtech SMP66P (1p)
 Zenith® Data Systems Z-486/25E
 Zenith Data Systems Z-STATION GT Pro
 ZEOS® Meridian 850 Pentium 75
 ZEOS Meridian 850 Pentium 90
 ZEOS Pantera Pentium-66

x86 Architecture Multiprocessor Computers

The following x86 architecture multiprocessor systems have been tested.

ACER AcerAltos 7000/p (Pentium 133 Mhz) (2p) (Incl. Model 1100 and 2100)
ACER AcerAltos 7000V (Pentium 133 Mhz) (2p)
ACER AcerAltos 9000 (Pentium 133 Mhz) (2p)
ACER AcerAltos 900MP (Pentium 133 Mhz) (2p)
ACER AcerAltos 950MP (Pentium 133 Mhz) (2p)
ALR Revolution MP P/100 (2p)
ALR Revolution MP P/90 (2p)
ALR Revolution Q-4SMP P/100 (4p)
ALR Revolution Q-4SMP P/90 (4p)
ALR Revolution Q-4SMP PCI P/100 (4p)
AST Manhattan SMP P60 (4p)
AST Premmia GX P90
AT&T 3416 (2p)
AT&T Globalyst 720/3258 (DT) (2p)
AT&T Globalyst 720/3358 (MT) (2p)
AT&T S40 Server Pentium 90 (2p)
AT&T System 3000 Model 3360 Pentium 60 (2p)
AT&T System 3000 Model 3430 Pentium 60 (2p)
AT&T System 3000 Model 3525 Pentium 60 (8p)
AT&T System 3000 Model 3525 Pentium 90 (8p)
AT&T System 3000 Model 3555 Pentium 60 (8p)
AT&T System 3000 Model 3555 Pentium 90 (8p)
COMPAQ ProLiant 2000 486/50
COMPAQ ProLiant 4000 Model 5/100
COMPAQ ProLiant 4000 Model 5/66
COMPAQ ProLiant 4000 Model 5/90
COMPAQ ProLiant 4000R Model 5/66
COMPAQ ProLiant 4500 Model 5/100 (4p)
COMPAQ ProLiant 4500 Model 5/133 (4p)
COMPAQ ProLiant 4500R Model 5/100 (4p)
COMPAQ ProLiant 4500R Model 5/133 (4p)
COMPAQ Systempro[®] Dual 486DX2/66
Corollary CBII/4000
Corollary CBII/6000p
Corollary Extended C-bus XM (4p)
Dakota Computer DUAL PENTIUM 90MHz
Data General[®] AV4700 Pentium 133 (2p)
Data General AV4800 Pentium 133 (4p)
DELL OptiPlex DGX 590-2
DELL PowerEdge SP 5100-2
DELL PowerEdge XE 5100-2
DFI Landmarq P133 VPM Doubleshot (2p)
Digital Equipment Corp. Celebris XL 5133DP
Digital Equipment Corp. Celebris XL 5150DP
Digital Equipment Corp. Celebris XL 5160DP
Digital Equipment Corp. Prioris HX 5100MP/4
Digital Equipment Corp. Prioris HX 5133DP
Digital Equipment Corp. Prioris XL Server 5133DP
Digital Equipment Corp. Prioris XL Server 590DP
Everex Step DP (2p)
Everex STEP DP/Pro Series
FIC PO6200
First LEO 66615DP
First LEO Predator Pro-DP
Fujitsu[®] ICL SUPERSERVER J550i
Hewlett-Packard NetServer 5/66 LM2
Hewlett-Packard Vectra XU 5/90C (2p)
IBM PC Server 320 Pentium/90 8640-MXT (2p)
IBM PC Server 320 Pentium/90 8640-MYR (2p)
IBM PC Server 520 Pentium/100 8641-MZV (2p)
IBM PC Server 720 Pentium/100 8642-0Z0 (4p)
ICL SUPERSERVER J550i
Intergraph ISMP22 InterServe Pentium/100MHz
Intergraph ISMP22 InterServe Pentium/90MHz
Intergraph ISMP32 InterServe Pentium/100MHz
Intergraph ISMP32 InterServe Pentium/90MHz
Intergraph ISMP6 InterServe Pentium/100MHz (6p)
Intergraph ISMP6 InterServe Pentium/133MHz (6p)

Intergraph TD 4 Personal Workstation Pentium/100MHz
Intergraph TD 5 Personal Workstation Pentium/100MHz
Intergraph TD 5 Personal Workstation Pentium/90MHz
Intergraph TD-40 Personal Workstation Pentium/100Mhz
Intergraph TD-40 Personal Workstation Pentium/133MHz
Intergraph TD-400 Personal Workstation Pentium Pro 150MHz (2p)
Micron P266PowerServer SMP
Micron P90 PowerServer[™] SMP
NCR System 3000 Model 3360 Pentium 60 (2p)
NCR System 3000 Model 3430 Pentium 60 (2p)
NCR System 3000 Model 3525 Pentium 60 (8p)
NCR System 3000 Model 3525 Pentium 90 (8p)
NCR System 3000 Model 3555 Pentium 60 (8p)
NCR System 3000 Model 3555 Pentium 90 (8p)
NEC Image[®] P100E (2p)
Olivetti M6-650 DP
Olivetti SNX 160 Systema (2p)
Olivetti SNX 200 Systema (2p)
Olivetti SNX 200/RM (2p)
Sequent[®] WinServer 500
Siemens-Nixdorf PCD-5T 90 DE
Siemens-Nixdorf PCE-5Smp/133 (4p)
Unisys[®] Pathway Series SFE 59010
Unisys Pathway Series SME 59010
Unisys SVD 513371 (2p)
Wyse[®] Series 7000i model 740MP/66
Zenith Data Systems Z-SERVER EX DP66E Model 1000
Zenith Data Systems Z-SERVER EX DP66E Model 2000
Zenith Data Systems Z-SERVER EX DP66E Model 4000A
Zenith Data Systems Z-SERVER MX Dual 133
Zenith Data Systems Z-SERVER WG Pentium 90

MIPS® RISC Architecture Computers

The following MIPS RISC architecture systems have been tested.

ACER ARC1
DESKStation Technology Evolution E4400 RISC PC
DESKStation Technology Raptor 3 633
DESKStation Technology Tyne v4633x RISC PC
DESKStation Technology UniFlex 633
NEC RiscServer 2250
NeTpower FASTseries MP 150MHz
NeTpower FASTseries SMP Server 150MHz
NeTpower NeTstation 200
NeTpower NeTstation 300
NeTpower Server 1000
Progen R4400-50/100
Siemens-Nixdorf RM200
Siemens-Nixdorf RM400

Digital Alpha AXP RISC Multiprocessor Architecture Computers

The Following Digital Alpha AXP RISC multiprocessor systems have been tested.

Digital Equipment Corp. 2100 Server model A500MP
Digital Equipment Corp. AlphaServer 2000 4/200
Digital Equipment Corp. AlphaServer 2000 4/275
Digital Equipment Corp. AlphaServer 2100 4/200
Digital Equipment Corp. AlphaServer 2100 5/250
Digital Equipment Corp. AlphaServer 2100 5/300
Digital Equipment Corp. AlphaServer 2100A 4/275
Digital Equipment Corp. AlphaServer 2100A 5/250

MIPS RISC Multiprocessor Architecture Computers

The following MIPS RISC multiprocessor architecture systems have been tested.

NEC ExpressSM RISCserver MP 150MHz
NEC RISCstation 2000 MP 150MHz
NEC RISCstation 2200 MP 200MHz
NeTpower FASTseries SMP Server 2x200MHz
NeTpower Server 2000
Siemens-Nixdorf RM400-T

Digital Alpha AXP™ RISC Architecture Computers

The Following Digital Alpha AXP RISC systems have been tested.

Carerra Cobra EV56-366
Carerra Cobra EV56-366 with Gamaray 5600
DCG Computers PC164-366
DESKStation Technology Raptor 3 45/275
DESKStation Technology Raptor 3 5/266
DESKStation Technology UniFlex 45/275
Digital Equipment Corp. Alpha XL 233
Digital Equipment Corp. Alpha XL 266
Digital Equipment Corp. AlphaServer 1000 4/233
Digital Equipment Corp. AlphaServer 1000 4/266
Digital Equipment Corp. AlphaStation 200 4/166
Digital Equipment Corp. AlphaStation 200 4/233
Digital Equipment Corp. AlphaStation 200 4/266
Digital Equipment Corp. AlphaStation 250 4/266
Digital Equipment Corp. AlphaStation 255 4/266
Digital Equipment Corp. AlphaStation 400 4/233
Digital Equipment Corp. AlphaStation 600 5/266
Digital Equipment Corp. AlphaStation 600 5/300
Digital Equipment Corp. DECpc 2000-300 AXP Server
Digital Equipment Corp. DECpc 2000-500 AXP Server
Digital Equipment Corp. DECpc AXP 150
Digital Equipment Corp. DECpc AXP 150 Universal Platform
Digital Equipment Corp. DECpc XL AXP 233
EDV Quant X Series 3/366

PowerPC™ Architecture Computers

The following PowerPC architecture™ uniprocessor systems have been tested.

Austin PowerPlay 604/100
Bull ESTRELLA DT604-100
Bull ESTRELLA DT604-133
Bull ESTRELLA MT604-100
Bull ESTRELLA MT604-133
Canon® PPC 604-100Mhz
FirePower Powered ES3100
FirePower Powered ES380
FirePower Powered ES4100
IBM Personal Computer Power Series 850 (100 MHz)
IBM Personal Computer Power Series 850 (120 MHz)
IBM Personal Computer Power Series 850 (133 MHz)
IBM Power Personal Developer's ToolBox Program Standard Desktop System
IBM ThinkPad Power Series 820
IBM ThinkPad Power Series 850
Motorola® PowerStack RISC PC DT603-66
Motorola PowerStack RISC PC DT603E-100
Motorola PowerStack RISC PC DT604-100
Motorola PowerStack RISC PC DT604-133
Motorola PowerStack RISC PC MT603-66
Motorola PowerStack RISC PC MT603E-100
Motorola PowerStack RISC PC MT604-100
Motorola PowerStack RISC PC MT604-133
Motorola PowerStack Series E E603-66P
Motorola PowerStack Series E E604-100P
Motorola PowerStack Series E E604-133P
Reply RV2603

Reply RV2604

Zenith Data Systems Z-POWER DT 604-100
Zenith Data Systems Z-POWER DT 604-133
Zenith Data Systems Z-POWER MT 604-100
Zenith Data Systems Z-POWER MT 604-133

PowerPC Multiprocessor Architecture Computers

The following PowerPC architecture uniprocessor systems have been tested.

Austin PowerPlay2 604/100 dual
Austin PowerPlay2 604/120 dual
Canon PW-100d
Canon PW-120d
FirePower Powered MX 4100/2
FirePower Powered MX 4120/2

Processor Upgrade Products

The following Processor Upgrade Products have been tested with Windows NT. Please consult the manufacturer for information on compatibility with specific models of computers.

Cyrix CX486DRx2-20/40
Cyrix CX486DRx2-25/50
Digital Equipment Corp. DECpc XL AXP 233 Upgrade
Intel OverDrive™ 486DX-33 (66Mhz)
Kingston TurboChip 486 TC486/75
SGS-Thomson Microelectronics ST486 DX2-66

PCMCIA Tested Hardware

The following hardware has been tested for PCMCIA compatibility (X86 platform only) with the Windows NT 4.0 beta release. Refer to the Release Notes for information on how to properly configure PCMCIA devices for use with the Windows NT 4.0 Beta.

PCMCIA Tested Hardware

Systems

The following systems have been tested for PCMCIA compatibility.

AST Ascentia 910N 4/50

AST Ascentia 950N Pentium/75

COMPAQ Contura 420C

COMPAQ Contura 420CX

COMPAQ Contura 430C

COMPAQ Contura 430CX

COMPAQ LTE 5200

COMPAQ LTE Elite 4/50CX

COMPAQ LTE Elite 4/75CX

DELL Latitude XP4100CX

DELL Latitude XP475C

DELL Latitude XPi P75D

DELL Latitude XPi P75T

Digital Equipment Corp. HiNote Ultra CT475

Gateway 2000 Liberty 2000 486DX4-100

Hewlett-Packard Omnibook 4000CT 4/100

Hewlett-Packard OmniBook 5000CT Pentium 90

IBM ThinkPad 360CE 486DX2/50

IBM ThinkPad 701C 486DX4/75

IBM ThinkPad 750 486SL/33

IBM ThinkPad 750C 486SL/33

IBM ThinkPad 750CE 486DX2/50

IBM ThinkPad 755C 486DX2/50

IBM ThinkPad 755C 486DX4/75

IBM ThinkPad 755CD 486DX4/100

IBM ThinkPad 755CDV 486DX4/100

IBM ThinkPad 755CDV 486DX4/75

IBM ThinkPad 755CE 486DX4/100

IBM ThinkPad 760CD Pentium 90

IBM ThinkPad 760L Pentium 90

IBM ThinkPad 760LD Pentium 90

Intergraph TD-10 Personal Workstation Pentium/75Mhz

Intergraph TD-40 Personal Workstation Pentium/100Mhz

MPC Technology CD Book 800 486DX4/100

Texas Instruments TravelMate 5000M P/75

Toshiba 610CT

Toshiba T2150CDS/520

Toshiba T2150CDT/520

Toshiba T2400CT/320

Toshiba T3600CT/250

Toshiba T4900CT/810

ZEOS Meridian 850 Pentium 75

Add-In Adapters

The following ISA-to-PCMCIA add-in adapters have been tested for PCMCIA compatibility.

Eiger Labs Four Slot PCMCIA ISA Adapter

Eiger Labs Two Slot PCMCIA ISA Adapter

Adaptec™ CardPack APA-4510

Network Adapters

The following PCMCIA network adapters have been tested for PCMCIA compatibility.

3Com® 3C589 Etherlink® III PCMCIA Ethernet Adapter

3Com 3C589B Etherlink III PCMCIA Ethernet Adapter

IBM PCMCIA Ethernet Adapter II

IBM PCMCIA Token Ring Auto16/4 Credit Card Adapter¹

Kingston EtherRx PCMCIA Adapter

Madge Smart 16/4 PCMCIA Ringnode Token Ring Adapter¹

National Semiconductor InfoMover NE4100 PCMCIA Ethernet Adapter

NoteWorthy Ethernet PCMCIA Adapter II (10BaseT)²

NoteWorthy Ethernet PCMCIA Adapter II (10Base2)²

Socket Communications Socket EA PCMCIA²

Xircom Corporate Series CreditCard Ethernet^{1,3}

Xircom CreditCard Ethernet+Modem II¹

Xircom CreditCard Ethernet IIps¹

Modems

The following PCMCIA modems have been tested for PCMCIA compatibility.⁴

Apex Data 144

AT&T (Paradyne) KeepInTouch Card 14.4

Creative Labs Inc. Modem Blaster 14.4 PCMCIA

Compaq SpeedPAQ 144/P

Compaq SpeedPAQ 192⁵

Eiger EFX1440P

Gateway 2000 TelePath PCMCIA 14.4 Fax/Modem

Generic 144 PCMCIA modem

Hayes[®] Optima 14400

IBM 14400 PCMCIA

Intel 14400 PCMCIA

Kingston DataRex 14.4

Megahertz 14400 CC3144

Megahertz X-Jack 14.4

Megahertz X-Jack 28.8

Microcom[®] TravelCard FAST 28.8

New Media 144 PCMCIA

NoteWorthy 28.8/14.4 Cellular-Ready Data/Fax Modem^{6,7}

NoteWorthy T144NWX

Practical ProClass 144 PCMCIA

Supra COMCARD 144

Toshiba (Noteworthy) 144 PCMCIA

Serial Adapters

The following PCMCIA serial adapters have been tested for PCMCIA compatibility.

IBM PCMCIA RS232

Hard Drives

The following PCMCIA hard drives have been tested for PCMCIA compatibility.

IBM 105 PCMCIA Hard Disk (Model 8105PA)

Integral Peripherals Viper 105

Integral Peripherals Viper 260

Kingston DataPak 170

Kingston DataPak 260

Kingston DataPak 340

Maxtor MobileMax 105

Maxtor MobileMax 131

MiniStore 131 (Model MP260P3)

SCSI Adapters

The following PCMCIA SCSI adapters have been tested for PCMCIA compatibility.

Future Domain® SCSI2Go

Adaptec SlimSCSI

SCSI Host Adapters

The following SCSI adapters have been tested on the indicated platforms with the following peripheral types: flatbed scanner, CD-ROM drive, tape drive, fixed 2gb hard drives and removable media drives. SCSI adapters indicated as wide SCSI were also tested with 2gb fixed wide SCSI drives.

SCSI Host Adapter	Bus	x86	MIPS	ALPHA	PowerPC
Adaptec AHA-1505 ⁸	ISA-16	X			X
Adaptec AHA-1510 ⁸	ISA-16	X		X	X
Adaptec AHA-1510A ⁸	ISA-16	X	X		
Adaptec AHA-1510B ⁸	ISA-16	X	X		
Adaptec AHA-1515 ⁸	ISA-16	X			X
Adaptec AHA-1520 ⁸	ISA-16	X		X	
Adaptec AHA-1520B ⁸	ISA-16	X	X		
Adaptec AHA-1522 ⁸	ISA-16	X			X
Adaptec AHA-1530P	ISA-16	X			X
Adaptec AHA-1540B ⁹	ISA-16	X			
Adaptec AHA-1542B ⁹	ISA-16	X			X
Adaptec AHA-1540C ¹⁰	ISA-16	X			
Adaptec AHA-1542C ¹⁰	ISA-16	X			
Adaptec AHA-1542CF ¹¹	ISA-16	X	X		X
Adaptec AHA-1740A ¹²	EISA	X		X	
Adaptec AHA-1742A ¹²	EISA	X		X	
Adaptec AHA-2740	EISA	X	X	X	
Adaptec AHA-2742	EISA	X	X	X	
Adaptec AHA-2740A	EISA	X		X	

Adaptec AHA-2742A	EISA	X		X
Adaptec AHA-2840	VLB	X		
Adaptec AHA-2940	PCI	X		
Adaptec AHA-2940W	PCI	X		
Adaptec AHA-2940UW	PCI	X		
Adaptec AVA-2825	VLB	X		
Always IN-2000 ¹	ISA-16	X		
AMD PC-NET SCSI	EMBEDDED	X ¹³		
BusLogic BT-445S	VLB	X		
BusLogic BT-542B	ISA-16	X	X	X
BusLogic BT-545C	ISA-16	X	X	X
BusLogic BT-545S	ISA-16	X		X
BusLogic BT-742A	EISA	X		
BusLogic BT-747C	EISA	X		
BusLogic BT-747S	EISA	X		X
BusLogic BT-946C ¹⁴	PCI	X		
COMPAQ Fast SCSI-2 Controller	EISA	X		
DPT SmartCache Plus (PM2011b)	ISA-16	X	X	X
DPT SmartCache Plus (PM2011b with cache) ¹⁵	ISA-16	X		
DPT SmartCache III (PM2021)	ISA-16	X		X
DPT SmartCache III (PM2021 with cache) ¹⁵	ISA-16	X		X
DPT SmartCache III (PM2022)	EISA	X		X

X

X

X

X

DPT SmartCache III (PM2022 with cache) ¹⁵	EISA	X		X	
DPT SmartCache III (PM2024) ¹⁶	PCI	X			
DPT SmartCache III (PM2024 with cache) ^{15,16}	PCI	X			
DPT SmartCache III (PM2124) ¹⁶	PCI	X			
DPT SmartCache III (PM2124 with cache) ^{15,16}	PCI	X			
DPT SmartCache III (PM2124W) ^{15,16}	PCI	X			
DPT SmartRAID (PM3222) ¹⁵	EISA	X	X		
DPT SmartRAID (PM3224) ^{15,16}	PCI	X			
Data Technology Corp. 3290	EISA	X			
Digital Equipment KZESC (SWXCR) EISA Raid Controller	EISA	X			
Digital Equipment PCI SCSI/Ethernet Controller ¹⁷	PCI				X
Future Domain TMC-845 ^{1,18,19,20}	ISA-8	X			
Future Domain TMC-1610m	ISA-16	X			X
Future Domain TMC-1610mer	ISA-16	X			X
Future Domain TMC-1610mex	ISA-16	X			X
Future Domain TMC-1650	ISA-16	X			X
Future Domain TMC-1660	ISA-16	X			X
Future Domain TMC-1670	ISA-16	X			X
Future Domain TMC-1680	ISA-16	X			X
Future Domain TMC-3260 ²¹	PCI	X	X	X	
Mylex DAC960 ²⁰	EISA	X		X	

Mylex DAC960-PD3 ²⁰	PCI	X			
NCR 53C700 SCSI Adapter	EMBEDDED		X ²²		
NCR 53C700 SCSI Adapter	MCA	X			
NCR 53C710 SCSI Adapter	EISA	X			
NCR 53C810 SCSI Controller	EMBEDDED	X ²³	X ²⁴	X ²⁵	X
NCR 8100S PCI Host Adapter Board	PCI	X			X
NCR 8150S PCI Host Adapter Board	PCI	X			X
NCR 8250S PCI Host Adapter Board	PCI	X		X	X
NCR 8251S PCI Host Adapter Board	PCI	X			
QLogic Fast!SCSI IQ PCI	PCI	X		X	
Trantor T-130B ^{1,18,26}	ISA-8	X			
UltraStor 14f ^{1,27}	ISA-16	X	X		
UltraStor 24f ^{1,28}	EISA		X	X	
UltraStor 24fa ¹	EISA	X		X	

SCSI CD-ROM Drives

The following SCSI CD-ROM drives have been tested with the following adapters: AHA-1542CP, AHA-2742, and AHA-2940; NCR 8100S and 8250S, and are supported on x86, MIPS, Alpha AXP, and PowerPC platforms except as noted. Drives have been tested for data access as well as for the audio capabilities indicated.

SCSI CD-ROM Drives	Standard (CD) Audio	Multi-Media Audio
CD-Technology CD Porta-Drive™ T-3601	X	X
Digital Equipment RRD44	X	
Digital Equipment RRD45 ²⁹	X	
Lion Optics XC-200 SI	X	X
NEC CDR-502 6X CD-ROM Drive ^{30,31}	X	X
NEC CDR-602 6X CD-ROM Drive ^{30,31}	X	X
NEC MultiSpin 4Xe (CDR-601) ^{29,32}	X	X
NEC MultiSpin 4Xi (CDR-501) ^{29,32}	X	X
Plextor 6PleX PX-63CS	X	X
Plextor 6PleX PX-65CS	X	X
Sony® CDU-76S	X	X
Texel DM-5028 ²⁹	X	X
Toshiba TXM-3401E	X	
Toshiba XM-3401B	X	
Toshiba XM-4101B ³³	X	
Toshiba XM-5301B ²⁹	X	

Non-SCSI CD-ROM Drives

The following CD-ROM drives with non-SCSI interfaces have been tested on the x86 platform. Please see SETUP.TXT on the Windows NT 4.0 Beta CD-ROM for additional information on these drives and the adapters that they are supported on.

Non-SCSI CD-ROM Drive	Standard (CD) Audio	Multi- Media Audio	Selection in Setup	Interface
------------------------------	------------------------------------	-----------------------------------	---------------------------	------------------

Aztech CDA 268-031SE ATAPI CD-ROM Drive	X	X	IDE CD-ROM (ATAPI 1.2)	IDE Interface
Chinon [®] CDS-5251 ³⁴	X	X	IDE CD-ROM (ATAPI 1.2)	IDE Interface
Chinon CDS-545i	X	X	IDE CD-ROM (ATAPI 1.2)	IDE Interface
Creative Labs Sound Blaster [™] CDROM ³⁵	X		Panasonic [®] CD-ROM ¹	Panasonic LMEP0084B
Creative Labs Sound Blaster CDROM ³⁵	X		Panasonic CD-ROM ¹	Sound Blaster Pro [™]
Creative Labs Sound Blaster CDROM ³⁵	X		Panasonic CD-ROM ¹	Sound Blaster 16
Creative Labs Sound Blaster CDROM ³⁵	X		Panasonic CD-ROM ¹	Sound Blaster 16 MultiCD
Creative Labs Blaster CD 6X CD620E	X	X	IDE CD-ROM (ATAPI 1.2)	IDE Interface
Lion Optics XC-200EI	X	X	IDE CD-ROM (ATAPI 1.2)	IDE Interface
Mitsumi CRMC-FX001D	X		Mitsumi CD-ROM ¹	Mitsumi 74-1881A
Mitsumi CRMC-FX001D	X		Mitsumi CD-ROM ¹	Sound Blaster 16 MultiCD
Mitsumi CRMC-FX001D1	X		Mitsumi CD-ROM ¹	Mitsumi 74-1881A
Mitsumi CRMC-FX001D1	X		Mitsumi CD-ROM ¹	Sound Blaster 16 MultiCD
Mitsumi CRMC-FX001D2	X		Mitsumi CD-ROM ¹	Mitsumi 74-1881A
Mitsumi CRMC-FX001D2	X		Mitsumi CD-ROM ¹	Sound Blaster 16 MultiCD
Mitsumi CRMC-FX001DE ³⁶	X	X	IDE CD-ROM (ATAPI 1.2)	IDE Interface
Mitsumi CRMC-FX400	X	X	IDE CD-ROM (ATAPI 1.2)	IDE Interface
NEC CDR-271	X	X	IDE CD-ROM (ATAPI 1.2)	IDE Interface
NEC MultiSpin 2Vi (CDR-250)	X	X	IDE CD-ROM (ATAPI 1.2)	IDE Interface
Panasonic CR-521	X		Panasonic CD-ROM ¹	Panasonic LMEP0084B
Panasonic CR-521	X		Panasonic CD-ROM ¹	Sound Blaster Pro
Panasonic CR-521	X		Panasonic CD-ROM ¹	Sound Blaster 16

Panasonic CR-521	X		Panasonic CD-ROM ¹	Sound Blaster 16 MultiCD
Panasonic CR-523	X		Panasonic CD-ROM ¹	Panasonic LMEP0084B
Panasonic CR-523	X		Panasonic CD-ROM ¹	Sound Blaster Pro
Panasonic CR-523	X		Panasonic CD-ROM ¹	Sound Blaster 16
Panasonic CR-523	X		Panasonic CD-ROM ¹	Sound Blaster 16 MultiCD
Panasonic CR-562	X		Panasonic CD-ROM ¹	Panasonic LMEP0084B
Panasonic CR-562	X		Panasonic CD-ROM ¹	Sound Blaster Pro
Panasonic CR-562	X		Panasonic CD-ROM ¹	Sound Blaster 16
Panasonic CR-562	X		Panasonic CD-ROM ¹	Sound Blaster 16 MultiCD
Panasonic CR-563	X		Panasonic CD-ROM ¹	Panasonic LMEP0084B
Panasonic CR-563	X		Panasonic CD-ROM ¹	Sound Blaster Pro
Panasonic CR-563	X		Panasonic CD-ROM ¹	Sound Blaster 16
Panasonic CR-563	X		Panasonic CD-ROM ¹	Sound Blaster 16 MultiCD
Philips® L M S CM207			IDE CD-ROM (ATAPI 1.2)	IDE Interface
Sony CDU31A ³⁷	X	X	Sony CD-ROM ¹	Sony CDB-334
Sony CDU31A ³⁷	X	X	Sony CD-ROM ¹	Sound Blaster 16 MultiCD
Sony CDU33A	X	X	Sony CD-ROM ¹	Sony CDB-334
Sony CDU33A	X	X	Sony CD-ROM ¹	Sound Blaster 16 MultiCD
Sony CDU55E	X	X	IDE CD-ROM (ATAPI 1.2)	IDE Interface
Sony CDU77E	X	X	IDE CD-ROM (ATAPI 1.2)	IDE Interface
Torisan (Sanyo) CDR-C3G	X		IDE CD-ROM (ATAPI 1.2)	IDE Interface
Toshiba XM-5302B	X	X	IDE CD-ROM (ATAPI 1.2)	IDE Interface

--	--	--	--



SCSI Tape Drives

The following SCSI tape drives have been tested with the following adapters using the Windows NT Backup program: AHA-1542CP, AHA-2742, and AHA-2940; NCR 8100S and 8250S, and are supported on x86, MIPS, Alpha AXP, and PowerPC platforms except as noted. Drives are listed under their appropriate Tape entry in the Control Panel Tape Devices applet.

4 Millimeter DAT

Archive[®] 4326NP
Archive 4326RP
ArchiveST 4000DAT (4324NP)
ArchiveST 4000DAT (4352XP)
Conner 4326NP
Conner 4326RP
Conner CTD2004H-S³³
Conner CTD2004R-S³³
Conner CTD4004H-S
Conner CTD4004R-S
Hewlett-Packard 35470a
Hewlett-Packard 35480a
Hewlett-Packard C1503a
Hewlett-Packard C1504a
Hewlett-Packard C1533-00100
Hewlett-Packard C1533a
Hewlett-Packard C1534-00100
Hewlett-Packard C1536-00100
Hewlett-Packard C1534a
Hewlett-Packard C1536a
Hewlett-Packard C2224c
Hewlett-Packard C2225b
Hewlett-Packard JetStore 2000
Hewlett-Packard JetStore 2000e
Hewlett-Packard JetStore 2000i
Hewlett-Packard JetStore 5000
Hewlett-Packard JetStore 5000e
Hewlett-Packard JetStore 5000i
Hewlett-Packard JetStore 6000e
Hewlett-Packard JetStore 6000i
Hewlett-Packard SureStore 2000e
Hewlett-Packard SureStore 2000i
Hewlett-Packard SureStore 5000e
Hewlett-Packard SureStore 5000eU
Hewlett-Packard SureStore 5000i
Hewlett-Packard SureStore 6000e
Hewlett-Packard SureStore 6000eU
Hewlett-Packard SureStore 6000i
Sony SDT 2000^{38,29,33,39,40}
Sony SDT 4000^{38,39,29,40,41}
Sony SDT 5200^{29,33,38,40,41}
Sony SDT 7000

Archive 2150S, 2525S, 2750, 2800

Archive 2150/2250^{33,42}
Archive 2525³³
Maynard 525Q³³

Digital TZ86 and DLT2000

Digital Equipment TZ86⁴³
Digital Equipment TZ-88
Digital Equipment TZ-88N

SCSI Mini Cartridge Drive

Conner CTMS 3200
Exabyte 2501
Tandberg TDC 3520

Exabyte 8200 Series (SCSI-1)

Exabyte EXB-8200^{29,33,44}

Exabyte EXB-8200ST^{29,33,44}

Exabyte 8500 Series (SCSI-2)

Exabyte EXB-8205^{29,38,44}
Exabyte EXB-8205ST^{29,38,44}
Exabyte EXB-8505
Exabyte EXB-8505ST

Tandberg 3660, 3820, 4120, 4220

Digital Equipment TZK10
Digital Equipment TZK11³³
Digital Equipment TZK12^{29,33}
Tandberg 4120²⁹
Tandberg 4222³³

Wangtek 525, 250, 9500 drives

Tecmar[®] QICVault 720ex

Other Tape Drives

The following tape drives have been tested using the Windows NT Backup program on the x86 platform.

QIC-40/QIC-80 Floppy Tape Drive^{45,46}

Archive 5540
Archive 5580
Colorado Jumbo 120
Colorado Jumbo 250
Iomega[®] Tape 250
Mountain Filesafe 8000
WangTek 3040
WangTek 3080

SCSI Removable Media

The following SCSI removable media (cartridge) drives have been tested with the following adapters: AHA-1542CP, AHA-2742, and AHA-2940; NCR 8100S and 8250S, and are supported on x86, MIPS, Alpha AXP, and PowerPC platforms except as noted.

Iomega Bernoulli Transportable 150 ⁴⁷

Iomega Zip Drive 100 ^{10,38,48}

Sony SMO-F521

Sony RMO-S350 ^{33,47}

SCSI Scanners

The following SCSI scanners have been tested with the following adapters: AHA-1542CP, AHA-2742, and AHA-2940; NCR 8100S and 8250S, and are supported on x86 only

HP[®] ScanJet[®] IIc ⁴⁹

HP ScanJet IIp ⁴⁹

HP ScanJet 4c ⁴⁹

Storage Cabinets

The following peripheral storage cabinets have been tested, and are supported on x86, MIPS, Alpha AXP, and PowerPC platforms.

Hewlett-Packard Storage System with HP EISA HBA

Hewlett-Packard Storage System with HP MCA HBA

IBM 3510 SCSI Storage Enclosure

Professional Concepts SCSI Storage Cabinet

Professional Concepts SCSI Storage Cabinet Plus

Digital Equipment StorageWorks BA-350 Deskside Expansion Unit

Digital Equipment StorageWorks BA-353 "Pizza Box" Desktop Expansion Unit

Video Display Support

The following display adapters have been tested on x86 systems. Most common scan frequencies are supported. Your video monitor should support the same resolutions and scan frequencies as your display adapter. Please refer to Windows NT 4.0 Beta Release Notes for more information on display support.

Video Display Adapter	Driver	640x480	800x600	1024x768	1280x1024	OTHER
#9 GXE 64 PCI	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D, E
#9 GXE 64 PRO PCI	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k, TRUE	256, 65k	D, E, F, J, K
#9 GXE ISA ⁵⁰	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	
#9 IMAGINE 128 ¹	N9I128	256, 65k, TRUE	256, 65k, TRUE	256, 65k, TRUE	256, 65k	D, E, F, J, K
ATI GRAPHICS PRO TURBO PCI	ATI	256, 65k, 16.7m, TRUE	256, 65k, 16.7m, TRUE	256, 65k, 16.7m, TRUE	256, 65k, 16.7m	D, E, F, N
ATI GRAPHICS ULTRA PRO VLB ⁵¹	ATI	256, 65k, 16.7m	256, 65k, 16.7m	256, 65k	256	
COMPAQ QVISION 2000 PCI	MGA	256, 65k, 16.7m	256, 65k, 16.7m	256, 65k	256	G, H
COMPAQ QVISION 2000+ PCI	MGA	256, 65k, 16.7m	256, 65k, 16.7m	256, 65k	256	G, H
DIAMOND MULTIMEDIA SPEEDSTAR 64 ISA	CIRRUS	16, 256, 65k	16, 256, 65k	16, 256, 65k	16, 256	
DIAMOND MULTIMEDIA SPEEDSTAR 64 PCI	CIRRUS	16, 256, 65k	16, 256, 65k	16, 256, 65k	16, 256	
DIAMOND MULTIMEDIA STEALTH 32 PCI	W32	16, 256, 65k, 16.7m	16, 256, 65k, 16.7m	16, 256, 65k	256	
DIAMOND MULTIMEDIA STEALTH 32 VLB	W32	16, 256, 65k, 16.7m	16, 256, 65k, 16.7m	16, 256, 65k	256	
DIAMOND MULTIMEDIA STEALTH 64 DRAM PCI(Trio64)	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D, E
DIAMOND MULTIMEDIA STEALTH 64 DRAM PCI(S3-864)	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D, E
DIAMOND MULTIMEDIA STEALTH 64 DRAM VLB(Trio64)	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D, E
DIAMOND MULTIMEDIA STEALTH 64 DRAM VLB(S3-864)	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D, E
DIAMOND MULTIMEDIA STEALTH 64 PCI	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k, TRUE	256, 65k	D, E, F, J, K
DIAMOND MULTIMEDIA STEALTH 64 VLB	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k, TRUE	256, 65k	D, E, F, J, K

DIAMOND MULTIMEDIA STEALTH VIDEO 64 DRAM PCI	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D, E
DIAMOND MULTIMEDIA STEALTH VIDEO 64 DRAM VLB	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D, E
DIAMOND MULTIMEDIA STEALTH VIDEO 64 PCI	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k, TRUE	256, 65k	D, E, F, J, K
MATROX IMPRESSION PCI	MGA	256, 32k, 16.7m	256, 32k, 16.7m	256, 32k	256	G, H
MATROX IMPRESSION PLUS ISA	MGA	256, 32k, 16.7m	256, 32k, 16.7m	256, 32k, 16.7M	256, 32k	G, H, I [®] , J, K
MATROX IMPRESSION PLUS PCI	MGA	256, 32k, 16.7m	256, 32k, 16.7m	256, 32k, 16.7M	256, 32k	G, H, I, J, K

The following display adapters have been tested on Digital Equipment Alpha AXP systems. Most common scan frequencies are supported. Your video monitor should support the same resolutions and scan frequencies as your display adapter. Please refer to Windows NT 4.0 Beta Release Notes for more information on display support.

Video Display Adapter	Driver	640x480	800x600	1024x768	1280x1024	OTHER
#9 GXE ISA ⁵⁰	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	
COMPAQ QVISION 1024/E	QV	256	256	256		
DIAMOND MULTIMEDIA STEALTH 64 DRAM PCI(S3-864)	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D, E
DIAMOND MULTIMEDIA STEALTH 64 PCI	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k, TRUE	256, 65k	D, E, F, J, K
DIAMOND MULTIMEDIA STEALTH VIDEO 64 DRAM PCI	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D, E
DIAMOND MULTIMEDIA STEALTH VIDEO 64 PCI	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k, TRUE	256, 65k	D, E, F, J, K
DIGITAL EQUIPMENT CORP. PCXAG-AL S3-864 PCI	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256, 65k	D
DIGITAL EQUIPMENT CORP. ZLXp-E1 (8 plane option)	TGA	256	256	256	256	L, P
DIGITAL EQUIPMENT CORP. ZLXp-E2 (24 plane option)	TGA	TRUE	TRUE	TRUE	TRUE	M, Q
DIGITAL EQUIPMENT CORP. ZLXp-E3 (24 plane option w/24 bit Z-buffer)	TGA	TRUE	TRUE	TRUE	TRUE	M, Q
MATROX IMPRESSION PCI	MGA	256, 32k, 16.7m	256, 32k, 16.7m	256, 32k	256	G, H

MATROX IMPRESSION PLUS ISA	MGA	256, 32k, 16.7m	256, 32k, 16.7m	256, 32k, 16.7M	256, 32k	G, H, I, J, K
MATROX IMPRESSION PLUS PCI	MGA	256, 32k, 16.7m	256, 32k, 16.7m	256, 32k, 16.7M	256, 32k	G, H, I, J, K
ORCHID FAHRENHEIT 1280	S3	256	256			

The following display adapters have been tested on the PowerPC platform. Most common scan frequencies are supported. Your video monitor should support the same resolutions and scan frequencies as your display adapter. Please refer to Windows NT 4.0 Beta Release Notes for more information on display support. In order for some video cards to work in your computer, a firmware upgrade might be necessary. Please contact your specific vendor to find out which cards will work for your PowerPC computer.

Video Display Adapter	Driver	640x480	800x600	1024x768	1280x1024	OTHER
#9 GXE 64 PCI	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D, E
#9 GXE 64 PRO PCI	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k, TRUE	256, 65k	D, E, F, J, K
#9 FXMOTION 531	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D
#9 FXMOTION 771	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D, E
#9 GXE ISA	S3	256, 65k, TRUE	256, 65k,	256, 65k	256	
DIAMOND MULTIMEDIA STEALTH 64 DRAM PCI(S3-864)	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D, E
DIAMOND MULTIMEDIA STEALTH 64 DRAM PCI(Trio64)	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D, E
DIAMOND MULTIMEDIA STEALTH 64 PCI	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k, TRUE	256, 65k	D, E, F, J, K
DIAMOND MULTIMEDIA STEALTH SE PCI	S3	256, 65k, TRUE	256, 65k	256, 65k	256	D, E
DIAMOND MULTIMEDIA STEALTH VIDEO 64 PCI	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k, TRUE	256, 65k	D, E, F, J, K
DIAMOND MULTIMEDIA STEALTH VIDEO 64 DRAM PCI	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D, E
DIAMOND MULTIMEDIA VIPER PRO PCI	WEITEKP9	256, 65k, 16.7m, TRUE	256, 65k, 16.7m, TRUE	256, 65k, 16.7m, TRUE	256, 65k, 16.7m	J, K
DIAMOND MULTIMEDIA VIPER SE PCI	WEITEKP9	256, 65k, 16.7m, TRUE	256, 65k, 16.7m, TRUE	256, 65k, 16.7m, TRUE	256, 65k, 16.7m	J, K
IBM Standard desktop E15 Graphics Adapter(S3 864) ⁵²	S3	256,65k	256,65k	256		
IBM Standard desktop H10 Graphics Adapter (P9100 w/2MB) ⁵²	WEITEKP9	256, 65k, 16.7m, TRUE	256, 65k, 16.7m, TRUE	256, 65k, 16.7m	256	J

IBM Standard desktop S15 Graphics Adapter (P9100 w/4MB) ⁵²	WEITEKP9	256, 65k, 16.7m, TRUE	256, 65k, 16.7m, TRUE	256, 65k, 16.7m, TRUE	256, 65k, 16.7m	J, K
LEADTEK WINFAST s240	S3	256, 65k, TRUE	256, 65k	256	256	D
LEADTEK WINFAST s430	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k	256	D, J
LEADTEK WINFAST s500	S3	256, 65k, TRUE	256, 65k, TRUE	256, 65k, TRUE	256, 65k	D, J, K
Motorola PowerStack RISC PC DT60X on-board graphics ⁵³	CIRRUS	256, 65k	256, 65k 1024:256			
Motorola PowerStack RISC PC MT60X on-board graphics ⁵³	CIRRUS	256, 65k	256, 65k 1024:256			
Powerized Graphics Adapter ⁵³	PSIDISP	256, 32k, TRUE	256, 32k, TRUE	256, 32k	256	
ProLink Alpine ⁵³	CIRRUS	256, 65k	256, 65k	256, 65k	256	

Color Depths	Display modes in the "other" column
16 = 16 colors	A 640x400x256
256 = 256 colors	B 1040x768x256
32k = 32,768 colors	C 1104x828x256
65k = 65,536 colors	D 1152x864x256
16.7m = 16.7 million colors (24 bits per pixel)	E 1152x864x65k
TRUE = True Color (16.7m accelerated)	F 1152x864xTRUE
	G 1182x882x256
	H 1182x882x65k
	I 1182x882x16.7m
	J 1600x1200x256
	K 1600x1200x65k
	L 1024x864x256

M 1024x864xTRUE

N 1152x864x16.7m

O 1152x864x16

P 1152x900x256

Q 1152x900xTRUE

Display adapters not listed above are expected to work on x86 systems if they use the following supported chip sets. Install first as Standard VGA, then select the corresponding driver from the Display Applet in the Control Panel.

Manufacturer	Chip Set	Driver	Color Depths	Max Res.
#9	IMAGINE 128 ¹	N9I128	256, 65K, TRUE	1600x1200
IBM	8514/a	8514A	256	1024x768
	XGA [®]	XGA	256	1040x768
	XGA-2	XGA	256	1104x828
ATI	8514 Ultra	8514A	256	1024x768
	MACH 32	ATI	256, 65K, 16.7M	1280x1024
	MACH 64	ATI	16, 256, 65K, 16.7M, TRUE	1280x1024
Compaq	QVision 1024	QV	16, 256	1024x768
	QVision 1280	QV	16, 256	1280x1024
	QVision 2000	MGA	256, 65K, 16.7M	1280x1024
Cirrus Logic	5422, 5424 ⁵⁴	CIRRUS	16, 256, 65k	1280x1024
	5426, 5428, 5429 ⁵⁴	CIRRUS	16, 256, 65k	1280x1024
	5430, 5434	CIRRUS	16, 256, 65k	1280x1024
Tseng Labs	ET4000	ET4000	16, 256, 65k	1024x768
	ET4000-W32i	W32	16, 256, 65k, 16.7M	1280x1024

	ET4000-W32p	W32	16, 256, 65k, 16.7M	1280x1024
Matrox	ATLAS	MGA	256, 32K, 16.7M	1600x1200
	ATHENA	MGA	256, 32K, 16.7M	1600x1200
NCR	NCR77C22	NCR77C22	16, 256	1024x768
	NCR77C22E	NCR77C22	16, 256	1024x768
	NCR BLT 32	NCR77C22	16, 256	1024x768
S3	732	S3	256, 65k, TRUE	1280x1024
	764 ⁵⁴	S3	256, 65k, TRUE	1280x1024
	765	S3	256, 65k, TRUE	1280x1024
	801 ⁵⁵	S3	256, 32k/65k	1024x768
	805 ⁵⁵	S3	256, 32k/65k	1280x1024
	864	S3	256, 65k, TRUE	1280x1024
	868	S3	256, 65k, TRUE	1280x1024
	911, 911a, 924 ⁵⁴	S3	256	1024x768
	928 ^{55,56}	S3	256, 32k/65k, TRUE	1280x1024
	964 ⁵⁷	S3	256, 65k, TRUE	1600x1200
	968	S3	256, 65k, TRUE	1600x1200
Trident	9000	TRIDENT	16, 256	1024x768
	8900c	TRIDENT	16, 256	1024x768
	9320 ¹	TGIUL40	16, 256,65K	1024x768
	9440 ¹	TGIUL40	16, 256,65K	1024x768
Headlands	Video 7	V7VRAM	16, 256	1024x768

Western Digital™	WD90C30 ⁵⁴	WDVGA	16, 256	1024x768
	WD90C31 ⁵⁴	WDVGA	16, 256	1024x768
	WD90C33 ⁵⁴	WDVGA	16, 256	1024x768
	WD90C24 ⁵⁴	WDVGA	16, 256	1024x768
Weitek	P9000 ⁵⁷	WEITEKP9	256, 65K, TRUE	1600x1200
	P9100	WEITEKP9	256, 65K, 16.7M, TRUE	1600x1200

The following table shows the maximum display and color resolutions available with each video driver using different amounts of video RAM. Most display adapters can use the standard VGA driver for 16-color modes (on x86 systems).

Drivers	Video RAM	Colors				True Color
		16	256	32k/65k	16m	
8514/a	1MB		1024x768			
ATI ⁵⁸	512Kb		640x480			
	1Mb	1280x1024	1024x768	800x600	640x480	
	2Mb	1280x1024	1280x1024	1152x864	800x600	800x600
	4Mb		1280x1024	1280x1024	1280x1024	1024x768
Cirrus ⁵⁹	512Kb	1024x768	640x480			
	1Mb	1280x1024	1024x768	640x480		
	2mb	1280x1024	1280x1024	1024x768		
DGX	2Mb		1280x1024	1152x900		
ET4000	512Kb	1024x768	640x480			

	1Mb	1024x768	1024x768	640x480	
MGA	2Mb		1280x1024	1182x882	800x600
	4Mb		1600x1200	1600x1200	1182x882
NCR 77C22	1Mb	1024x768	1024x768		
	2Mb	1024x768	1024x768		
N9I128	4MB		1600x1200	1600x1200	
QV	512Kb	640x480			
	1Mb	640x480	1024x768		
	2Mb	640x480	1280x1024		
S3	512		800x600		
	1Mb		1152x864	800x600	
	2Mb		1600x1200	1152x864	
	4MB		1600x1200	1600x1200	
Trident	512Kb	1024x768	640x480		
	1Mb	1024x768	1024x768		
Video7	512Kb	1024x768	640x480		
	1Mb	1024x768	1024x768		
VGA	256Kb	640x480			
	512Kb	800x600			
W32	1Mb		1024x768	800x600	640x480
	2Mb		1280x1024	1024x768	800x600

1152x864

800x600

1152x864

WD	512Kb	1024x768	640x480		
	1Mb	1024x768	1024x768	800x600	
WEITEKP9	2Mb		1600x1200	1024x768	800x600
	4Mb		1600x1200	1280x1024	1280x1024
XGA	1Mb		1104x828		

800x600

1024x768



Network Adapters

The following network adapters have been tested on the indicated platforms.

Network Adapters	Bus Type	x86	MIPS	ALPHA	PowerPC
3Com 3C503 EtherLink II® (Coax & TP) ³	ISA	X	X	X	X
3Com 3C503/16 EtherLink II/16 (Coax & TP) ³	ISA	X	X	X	X
3Com 3C507 EtherLink 16 (Coax & TP) ³	ISA	X	X		
3Com 3C509 EtherLink III Parallel Tasking Adapter - ISA (Coax, TP and Combo) ³	ISA	X	X	X	X
3Com 3C509B EtherLink III Parallel Tasking Adapter - ISA (Coax, TP and Combo) ³	ISA	X	X	X	X
3Com 3C523 EtherLink/MC (Coax & TP) ³	MCA	X			
3Com 3C527 EtherLink/MC 32 Bus Mastering Adapter ¹	MCA	X			
3Com 3C529 EtherLink III Parallel Tasking Adapter - MCA (Coax & TP) ³	MCA	X			
3Com 3C579 EtherLink III Parallel Tasking Adapter - EISA (Coax & TP) ³	EISA	X	X	X	
3Com 3C589 Etherlink III PCMCIA Ethernet Adapter	PCMCIA	X			
3Com 3C589B Etherlink III PCMCIA Ethernet Adapter	PCMCIA	X			
3Com 3C590 EtherLink III PCI ¹	PCI	X			
3Com 3C595-Tx Fast EtherLink PCI ¹	PCI	X			
3Com 3C619 TokenLink® III ¹	ISA	X			
3Com 3C770 FDDILink-F for Optical, UTP & STP ^{1,3,60}	EISA	X			
Accton EN166X MPXII Ethernet Adapter ²	ISA	X			
Advanced Micro Devices Am1500T Ethernet Adapter	ISA	X			
Advanced Micro Devices Am2100 Ethernet Adapter	ISA	X			
Advanced Micro Devices PCnet® Family Adapters	EMBEDDED	X	X	X	X

Advanced Micro Devices PCnet-ISA+ Ethernet Adapter	ISA	X	X	X	X
Advanced Micro Devices PCnet-32 VL Ethernet Adapter	VLB	X			
Advanced Micro Devices PCnet-PCI Ethernet Adapter	PCI	X	X	X	X
Allied Telesyn AT1700 Series Ethernet Adapter ¹	ISA	X			
Allied Telesyn AT1720 Series Ethernet Adapter ¹	MCA	X			
Allied Telesyn AT2450 Ethernet Adapter	PCI	X			X
Andrew ISA IIA Adapter ¹	ISA	X			
Cabletron E21XX Ethernet DNI ¹	ISA	X			
Cabletron E22XX Ethernet DNI ¹	ISA	X			
Cabletron T20XX 16/4 Token Ring DNI ¹	ISA	X			
Cabletron F30XX FDDI Adapter ^{1,61}	MCA	X			
Cabletron F70XX FDDI Adapter ^{1,61}	EISA	X			
Cisco C321T-PC Turbo EISA FDDI Adapter/PC ¹	EISA	X			
Cogent eMASTER + 960 PCI Ethernet Adapter ¹	PCI	X			
COMPAQ 32-Bit Dualspeed Token Ring Controller	EISA	X	X	X	
COMPAQ 32-Bit Netflex Controller	EISA	X	X	X	
COMPAQ 32-Bit Netflex Controller with Token Ring Module	EISA	X	X	X	
COMPAQ Ethernet 16TP Controller	ISA	X	X	X	X
COMPAQ NetFlex-2 ENET-TR Controller ³	EISA	X	X	X	
COMPAQ NetFlex-2 TR Controller ³	EISA	X	X	X	
COMPAQ NetFlex-2 DualPort TR Controller	EISA	X	X	X	

COMPAQ NetFlex-2 DualPort ENET Controller ³	EISA	X	X	X	
Compex ENET16-COMBO/VP PnP Ethernet Adapter ¹	ISA	X			
COPS LTI ISA	ISA	X			
Crescendo C321M-PC EISA FDDI ADAPTER/PC ^{1,61}	EISA	X			
DayStar Digital LocalTalk [®] Adapter	ISA	X			X
DCA [®] IRMAtrac 16/4 Convertible Token Ring Adapter ¹	ISA/MCA	X			
DEC [®] DE100 EtherWORKS LC	ISA	X	X	X	
DEC DE101 EtherWORKS LC/TP	ISA	X	X	X	
DEC DE200 EtherWORKS Turbo	ISA	X	X	X	X
DEC DE201 EtherWORKS Turbo/TP ³	ISA	X	X	X	X
DEC DE202 EtherWORKS Turbo TP/BNC	ISA	X	X	X	X
DEC DE422 EtherWORKS EISA TP/BNC	EISA	X	X	X	
DEC DE434 PCI Ethernet Adapter	PCI	X	X	X	X
DEC DE435 PCI Ethernet Adapter	PCI	X	X	X	X
DEC DE450-CA Etherworks Turbo PCI	PCI	X	X	X	X
DEC DE500 Fast Ethernet Adapter	PCI	X	X	X	X
DEC DC21040 PCI Ethernet Controller	EMBEDDED	X		X	X
DEC FDDIcontroller/EISA(incl. CDDI)	EISA	X	X	X	
DEC FDDIcontroller/PCI(incl. CDDI)	PCI	X	X	X	X
Hewlett-Packard HP J2573A 10/100VG ISA LAN Adapter ¹	ISA	X			
Hewlett-Packard HP J2577A 10/100VG EISA LAN Adapter ¹	EISA	X			

Hewlett-Packard HP J2585A 10/100VG Selectable PC LAN ¹	PCI	X			
Hewlett-Packard HP 27245A PC LAN Adapter/8 TP ¹	ISA	X			
Hewlett-Packard HP 27246A MC LAN Adapter/16 TP ¹	MCA	X			
Hewlett-Packard HP 27247A PC LAN Adapter/16 TP ¹	ISA	X			
Hewlett-Packard HP 27247B PC LAN Adapter/16 TP Plus ¹	ISA	X			
Hewlett-Packard HP 27250 PC LAN Adapter/8 TL ¹	ISA	X			
Hewlett-Packard HP 27252A PC LAN Adapter/16 TL Plus ¹	ISA	X			
IBM 100/10 PCI Ethernet Adapter ¹	PCI	X			
IBM 16/4 Token Ring ISA-16 Adapter	ISA	X	X	X	X
IBM 16/4 Token Ring II ISA Adapter	ISA	X	X	X	X ⁶²
IBM Auto 16/4 ISA Token Ring Adapter ¹	ISA	X			X
IBM Auto LANstreamer™ MC 32 Adapter ¹	MCA	X			
IBM Ethernet Quad PeerMaster Adapter ¹	MCA	X			
IBM EtherStreamer MC 32 Adapter ¹	MCA	X			
IBM ISA Ethernet Adapter ²	ISA	X			X
IBM LAN Adapter/A for Ethernet ¹	MCA	X			
IBM LANstreamer MC 32 Adapter ¹	MCA	X			
IBM LANstreamer PCI Token Ring Adapter ¹	PCI	X			X
IBM PCMCIA Ethernet Adapter II	PCMCIA	X			
IBM PCMCIA Token Ring Auto16/4 Credit Card Adapter ¹	PCMCIA	X			
IBM Token Ring Adapter 16/4	ISA	X	X	X	X

IBM Token Ring Adapter /A (4 Mbps)	MCA	X			
IBM Token Ring Adapter 16/4 /A	MCA	X			
ICL EtherTeam16i Combo Adapter ¹	ISA	X			
ICL EtherTeam16i Duo Adapter ¹	ISA	X			
ICL EtherTeam16i TP Adapter ¹	ISA	X			
Intel 82595 Ethernet Adapter ¹	EMBEDDED	X			
Intel EtherExpress™ 16 PCLA8110	ISA	X	X	X	X
Intel EtherExpress 16C PCLA8100	ISA	X	X	X	X
Intel EtherExpress 16TP PCLA8120	ISA	X	X	X	X
Intel EtherExpress FlashC PCLA8105	ISA	X	X	X	X
Intel EtherExpress 16 MCA	MCA	X			
Intel EtherExpress PRO ⁶³	ISA	X	X	X	X
Intel EtherExpress PRO/10 PCI LAN Adapter ¹	PCI	X			
Intel EtherExpress PRO/100 EISA ¹	EISA	X			
Intel EtherExpress PRO/100 PCI ¹	PCI	X			
Intel EtherExpress PRO/100B PCI LAN Adapter ¹	PCI	X			
Intel TokenExpress™ EISA 16/4 ¹	EISA	X			
Intel TokenExpress ISA/16S ¹	ISA	X			
Intel TokenExpress MCA 16/4 ¹	MCA	X			
Kingston EtherRx PCMCIA Adapter	PCMCIA	X			
Linksys Ether16 LAN Card ²	ISA	X			

Linksys EtherPCI LAN Card	PCI	X		X	
Madge Blue+ Token Ring Adapter ¹	ISA	X			
Madge Smart 16/4 AT Ringnode ¹	ISA	X			X
Madge Smart 16/4 AT Plus Ringnode ¹	ISA	X			X
Madge Smart 16/4 EISA Ringnode ^{1,3}	EISA	X			
Madge Smart 16/4 ISA Client Plus ¹	ISA	X			X
Madge Smart 16/4 ISA Client Ringnode ¹	ISA	X			X
Madge Smart 16/4 ISA PnP Ringnode ¹	ISA	X			X
Madge Smart 16/4 PCI Ringnode ¹	PCI	X			X
Madge Smart 16/4 PCMCIA Ringnode Token Ring Adapter ¹	PCMCIA	X			
Madge Smart 16/4 MC Ringnode ¹	MCA	X			
Madge Smart 16/4 MC32 Ringnode ¹	MCA	X			
Madge Smart 16/4 PC Ringnode ¹	ISA	X			
Madge Smart 16 Ringnode ¹	ISA	X			
National Semiconductor InfoMover NE4100 PCMCIA Ethernet Adapter	PCMCIA	X			
National Semiconductor DP83932 (SONIC) Motherboard Ethernet Controller on MIPS ARC/R4000 TM systems ³	EMBEDDED			X	
NoteWorthy Ethernet PCMCIA Adapter II (10BaseT) ²	PCMCIA	X			
NoteWorthy Ethernet PCMCIA Adapter II (10Base2) ²	PCMCIA	X			
NCR StarLAN 16/4 Token Ring NAU ¹	ISA	X			
NCR StarLAN 16/4 Token Ring NAU ¹	MCA	X			

NCR WaveLAN/AT ¹	ISA	X		
NCR WaveLAN/MC ¹	MCA	X		
Network Peripheral NP-AT FDDI ¹	ISA	X		
Network Peripherals NP-EISA/S FDDI	EISA	X	X	X
Network Peripherals NP-MCA/S FDDI	MCA	X		
Novell [®] /Eagle Technology NE1000	ISA	X		
Novell/Eagle Technology NE2000 ³	ISA	X	X	X
Novell/Eagle Technology NE3200 ³	EISA	X	X	X
Olicom Ethernet ISA/IV Adapter ¹	ISA	X		
Olicom ISA 16/4 Token Ring, OC-3118 ¹	ISA	X		
Olicom PCI 16/4 Token Ring, OC-3136 ¹	PCI	X		
Olicom Token-Ring,PowerMAC MCA WS,OC-3129 ¹	MCA	X		
Olicom Token-Ring,PowerMAC EISA WS,OC-3133 ¹	EISA	X		
Olicom Token-Ring,PowerMAC ISA WS,OC-3117 ¹	ISA	X		
Olicom Token-Ring,PowerMAC EISA SRV,OC-3135 ¹	EISA	X		
Proteon ProNET 4/16 p1390 Token Ring Adapter	ISA	X	X ⁶⁴	X
Proteon ProNET 4/16 p1392 Token Ring Adapter	ISA	X	X ⁶⁴	X
Proteon ProNET 4/16 p1392plus Token Ring Adapter	ISA	X	X ⁶⁴	X
Proteon ProNET 4/16 p1892 Token Ring Adapter	MCA	X		
Proteon ProNET 4/16 p1892plus Token Ring Adapter	MCA	X		
Proteon ProNET 4/16 p1990 Token Ring Adapter	EISA	X		X

X

X⁶²

X⁶²

Proteon ProNET 4/16 p1990plus Token Ring Adapter	EISA	X		X	
Racal InterLan XLerator/EB/NI6510 Adapter ¹	ISA	X			
Racal InterLan ES3210 ^{1,65}	EISA	X			
Realtek RTL8029 PCI Ethernet Adapter ¹	PCI	X			
Socket Communications Socket EA PCMCIA (NE2000 Compatible)	PCMCIA	X			
Standard Microsystems 8013EBT EtherCard™ PLUS16	ISA	X	X	X	X
Standard Microsystems 8013EP EtherCard PLUS Elite16	ISA	X	X	X	X
Standard Microsystems 8013EP/A EtherCard PLUS Elite/A	MCA	X			
Standard Microsystems 8013EPC EtherCard PLUS Elite16	ISA	X	X	X	X
Standard Microsystems 8013EW EtherCard PLUS EliteCombo	ISA	X	X	X	X
Standard Microsystems 8013EWC EtherCard PLUS EliteCombo	ISA	X	X	X	X
Standard Microsystems 8013W EtherCard PLUS Elite16T	ISA	X	X	X	X
Standard Microsystems 8013WB EtherCard PLUS	ISA	X	X	X	X
Standard Microsystems 8013WC EtherCard PLUS Elite16T	ISA	X	X	X	X
Standard Microsystems 8013WP/A EtherCard PLUS Elite10T/A	MCA	X			
Standard Microsystems 8216C EtherCard Elite Ultra ¹	ISA	X			
Standard Microsystems 8232 EtherCard Elite 32 Ultra ¹	EISA	X			
Standard Microsystems 8416 Ultra PnP ¹	ISA	X			
Standard Microsystems 8432BT EtherPower PCI LAN Adapter ¹	PCI	X			X
Standard Microsystems 8432T EtherPower PCI LAN Adapter ¹	PCI	X			
Standard Microsystems 9332DST EtherPower 10/100 PCI LAN Adapter ¹	PCI	X			
SysKonnnect SK-51xx ISA-bus FDDI Adapter ¹	ISA	X			

SysKonnnect SK-52xx MCA-bus FDDI Adapter ¹	MCA	X		
SysKonnnect SK-53xx EISA-bus FDDI Adapter ¹	EISA	X		
SysKonnnect SK-NET Flash (Coax and TP) ⁶⁶	ISA	X		
SysKonnnect SK-NET G32+ EISA Ethernet Adapter ¹	EISA	X		
SysKonnnect SK-NET TR4/16+ Token Ring Adapter ¹	ISA	X		
Thomas-Conrad TC4045 ISA Token Ring Adapter ¹	ISA	X		
Thomas-Conrad TC4046 MCA Token Ring Adapter ^{1,3}	MCA	X		
Tulip [®] Computer NCC-16 PNP Adapter ⁶⁶	ISA	X		
Ungermann-Bass [®] NIUpc	ISA	X	X	X
Ungermann-Bass NIUpc/EOTP	ISA	X	X	X
Ungermann-Bass NIUps/EOTP ³	MCA	X		
Xircom Corporate Series CreditCard Ethernet ^{1,3}	PCMCIA	X		
Xircom CreditCard Ethernet+Modem II ¹	PCMCIA	X		
Xircom CreditCard Ethernet IIps ¹	PCMCIA	X		
Xircom Pocket Ethernet II Adapter ^{1,67,68}	PARALLEL	X		
Xircom Pocket Ethernet III Adapter ^{1,3,67,68,69}	PARALLEL	X		

X

Please note that Microsoft does not recommend using any 8-bit network adapter with the Windows NT platform. These adapters have lower performance and are generally no longer available for purchase. They are included because a driver exists for them and companies sometimes need to run older hardware before migrating to newer equipment.

Uninterruptible Power Supplies

The following Uninterruptible Power Supplies have been tested, and are supported on x86, MIPS, Alpha AXP, and PowerPC platforms except as noted.

Uninterruptible Power Supplies	Manufacturer's Cable Part #	Power Failure Signal	Low Battery Signal	Remote UPS Shutdown
--------------------------------	-----------------------------	----------------------	--------------------	---------------------

American Power Conversion Back-UPS 400	AP940-0020B	Positive	Positive	Positive
American Power Conversion Back-UPS 450	AP940-0020B	Positive	Positive	Positive
American Power Conversion Back-UPS 600	AP940-0020B	Positive	Positive	Positive
American Power Conversion Back-UPS 900	AP940-0020B	Positive	Positive	Positive
American Power Conversion Back-UPS 1250	AP940-0020B	Positive	Positive	Positive
American Power Conversion Matrix-UPS 3000	AP940-0020B	Positive	Positive	Positive
American Power Conversion Matrix-UPS 5000	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 250	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 250I	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 400	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 400I	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 450	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 600	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 600RM	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 600XL	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 700	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 700I	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 700RM	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 700RMI	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 700XL	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 700XLI	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 900	AP940-0020B	Positive	Positive	Positive

American Power Conversion Smart-UPS 900XL	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 1000	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 1000I	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 1000RM	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 1000RMI	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 1000XL	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 1000XLI	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 1250	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 1250RM	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 1400	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 1400I	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 1400RM	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 1400RMI	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 2000	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 2000RM	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 2200	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 2200I	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 2200RM	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 2200RMI	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 2200XL	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 2200XLI	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 3000	AP940-0020B	Positive	Positive	Positive

American Power Conversion Smart-UPS 3000I	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS 3000RM	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS VS420	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS VS420I	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS VS650	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS VS650I	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS VS1000	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS VS1000I	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS VS1400	AP940-0020B	Positive	Positive	Positive
American Power Conversion Smart-UPS VS1400I	AP940-0020B	Positive	Positive	Positive
Best Power Technology FERRUPS FE500VA	BIK008L	Positive	Positive	Positive
	BAA-0162			
Best Power Technology FERRUPS FE700VA	BIK008L	Positive	Positive	Positive
	BAA-0162			
Best Power Technology FERRUPS FE850VA	BIK008L	Positive	Positive	Positive
	BAA-0162			
Best Power Technology FERRUPS FE1.15KVA	BIK008L	Positive	Positive	Positive
	BAA-0162			
Best Power Technology FERRUPS FE1.4KVA	BIK008L	Positive	Positive	Positive
	BAA-0162			
Best Power Technology FERRUPS FE1.8KVA	BIK008L	Positive	Positive	Positive
	BAA-0162			
Best Power Technology FERRUPS FE2.1KVA	BIK008L	Positive	Positive	Positive

	BAA-0162			
Best Power Technology FERRUPS FE3.1KVA	BIK008L	Positive	Positive	Positive
	BAA-0162			
Best Power Technology FERRUPS FE4.3KVA	BIK008L	Positive	Positive	Positive
	BAA-0162			
Best Power Technology FERRUPS FE5.3KVA	BIK008L	Positive	Positive	Positive
	BAA-0162			
Best Power Technology FERRUPS FE7KVA	BIK008L	Positive	Positive	Positive
	BAA-0162			
Best Power Technology FERRUPS FE10KVA	BIK008L	Positive	Positive	Positive
	BAA-0162			
Best Power Technology FERRUPS FE12.5KVA	BIK008L	Positive	Positive	Positive
	BAA-0162			
Best Power Technology FERRUPS FE18KVA	BIK008L	Positive	Positive	Positive
	BAA-0162			
Best Power Technology Fortress LI 360B/D	BIK009L	Positive	Positive	Positive
	INT-0023			
Best Power Technology Fortress LI 460B/D	BIK009L	Positive	Positive	Positive
	INT-0023			
Best Power Technology Fortress LI 660B/D	BIK009L	Positive	Positive	Positive
	INT-0023			
Best Power Technology Fortress LI 950B/D	BIK009L	Positive	Positive	Positive

	INT-0023			
Best Power Technology Fortress LI 1020B/D	BIK009L	Positive	Positive	Positive
	INT-0023			
Best Power Technology Fortress LI 1420B/D	BIK009L	Positive	Positive	Positive
	INT-0023			
Best Power Technology Fortress LI 1.3KB/D	BIK009L	Positive	Positive	Positive
	INT-0023			
Best Power Technology Fortress LI 1.7KF/FX™	BIK009L	Positive	Positive	Positive
	INT-0023			
Best Power Technology Fortress LI 1.7KG/GX	BIK009L	Positive	Positive	Positive
	INT-0023			
Best Power Technology Fortress LI 1.7KJX	BIK009L	Positive	Positive	Positive
	INT-0023			
Best Power Technology Fortress LI 2KF/G/H/J	BIK009L	Positive	Positive	Positive
	INT-0023			
Best Power Technology Fortress LI 2.5KP/PX	BIK009L	Positive	Positive	Positive
	INT-0023			
Best Power Technology Fortress LI 3KL/LX	BIK009L	Positive	Positive	Positive
	INT-0023			
Best Power Technology Fortress LI 3KN/NX	BIK009L	Positive	Positive	Positive
	INT-0023			
Best Power Technology Fortress LI 3KQ/QX	BIK009L	Positive	Positive	Positive

	INT-0023			
Best Power Technology Fortress LI 3KR/RX	BIK009L	Positive	Positive	Positive
	INT-0023			
Best Power Technology Fortress LI 3KS/SX	BIK009L	Positive	Positive	Positive
	INT-0023			
Best Power Technology Fortress LI 3KS	BIK009L	Positive	Positive	Positive
	INT-0023			

Multimedia Audio Adapters

The following multimedia audio adapters have been tested, and are supported on the indicated platforms.

Multimedia Audio Adapter	x86	MIPS	ALPHA	PowerPC
COMPAQ Business Audio	X			
Creative Labs Sound Blaster 1.x	X	X	X	X
Creative Labs Sound Blaster 16	X	X	X	X
Creative Labs Sound Blaster Pro	X	X	X	X
Media Vision™ Pro AudioSpectrum-16 ⁷⁰	X	X	X	X
Media Vision Pro AudioStudio ⁷⁰	X	X	X	X
Media Vision Thunder Board ⁷¹	X	X	X	X
Microsoft Windows Sound System	X	X	X	X
Built-in audio adapter on MIPS ARC/R4000 systems		X		

Modems

The following modems are supported for use with Remote Access Service, and are supported on x86, MIPS, Alpha AXP, and PowerPC platforms except as noted.

3X
3X 396D
3X 514D
3X WYSIWYF 496D
3X WYSIWYF 496DB
3X WYSIWYF 514D
3X WYSIWYF 514DB
3X WYSIWYF 514DBX
3X WYSIWYF 514DP
3X WYSIWYF 514DPX
3X WYSIWYF 514DS
3X WYSIWYF 514DSX
AJ 1445/1446
AJ 2423
AJ 9636
Andest Rocket
Angia DataStart for CompaqLITE
Apex Data 144
ARN DX
ARN Generique
AT&T 2224 CEO
AT&T 3825 Plus
AT&T 4024
AT&T Comsphere 3810
AT&T Comsphere 3811
AT&T Comsphere 3820
AT&T Comsphere 3830
AT&T Dataport
AT&T DataPort Express 14.4 External
AT&T (Paradyne) KeepInTouch Card
ATI 2400 etc/e
ATI 9600 etc/e
ATTEL MX 144_14400bps
ATTEL MX 144_9600bps
ATTEL MX 96xxx
Avtek CD900
Avtek CD930
Banksia MX-6 V.32bis
Banksia XM124/R FAXMODEM
Boca Modem V.Fast Class
Bocamodem M1440 Alt
Cardinal 14400
Cardinal 14400 Internal
Cardinal 2400e
Cardinal 9600
CDC 6436
CDC 6438
Codex 2264
Codex 3220
Codex 3220 Plus
Codex 3260
Codex 3260 Fast
Codex 3261
Codex 3261 Fast
Codex 3262
Codex 3262 Fast
Codex 3263
Codex 3263 Fast
Codex 3265
Codex 3265 Fast
Codex 326x
Codex 326x FAST
Codex V.34R
COM1 MC215
COM1 MC216
COM1 MV214
COM1 MV215
COM1 MV216
COM1 MV219

ComCom Spirit II
ComCom Spirit TERBO
Compaq SpeedPAQ 144/P
Compaq SpeedPAQ 192⁵
Creative Labs Modem Blaster 14.4 (model CT5030)⁷²
Creative Labs Modem Blaster 28.8 (model CT5020)⁶
Creatix LC144VF
Creatix LC288FC
CTK SHORTY 144 SL
CXR Telcom 1445
DATACONSYST DAC124
Dataflex Rapier+ V32Bis
DataRace RediModem V.32bis⁷³
Datatrek 2424AMH
Datatrek Elite 624D⁷⁴
Datatrek V.32⁷
Digicom Scout
Digicom Scout Plus
DIGICOM SNM28
Dr Neuhaus Fury 14400 TI[®]
Dr Neuhaus Fury 19200 TI
Dr Neuhaus Fury 2403 TI
Dr Neuhaus Fury Card 144
Dr Neuhaus Fury Card 24
Dr Neuhaus Niccy 3000 TI
Dr Neuhaus Smarty 144 TI
Dr Neuhaus Smarty 19200
Dr Neuhaus Smarty 24 TI
DSI 9624E
DSI 9624LE Plus
DYNALINK
EEH Elink 29-3 analog
EEH Elink 29-3 ISDN
EEH Elink 301
EEH Elink 310
EEH Elink 32
EEH Elink 32-3 analog
EEH Elink 32-3 ISDN
Eiger EFX1440P
ELISA 144
ELSA MicroLink 14.4 PC
ELSA MicroLink 14.4 T
ELSA MicroLink 14.4 TL
ELSA MicroLink 14.4 TM
ELSA MicroLink 14.4MC
ELSA MicroLink 2440T
ELSA MicroLink 2440TR
ELSA MicroLink 2460MC
ELSA MicroLink 2460PC
ELSA MicroLink 2460TL
ELSA MicroLink 28800TL
ELSA MicroLink ISDN/TL
ELSA ZIFF 144
ETech UFOMATE P1496MX
Evercom 24
Evercom 24E
Evercom 24E+
Gateway 2000 Internal
Gateway 2000 Internal Alt
Gateway 2000 Nomad 14400
GENER - Generique 14400
GENER GE925
GENFAX 14400
GVC FM14400
GVC SM2400
GVC SM96
Hayes Accura 14400
Hayes Accura 28800
Hayes Compatible 1200
Hayes Compatible 14400
Hayes Compatible 2400
Hayes Compatible 9600
Hayes Optima 14400

Hayes Optima 28800
 Hayes Optima 9600
 Hayes Pocket Modem[®] 2400
 Hayes Smartmodem[™] 2400
 Hayes Smartmodem 9600
 Hayes Ultra 14400
 Hayes Ultra 9600
 Hayes V Series Smartmodem 9600
 Hidem 14400/FAX
 Hidem 2442P/FAX
 Holmes 14.4 all models
 IBM 14400 PCMCIA
 Infotel 1414VQE External
 Intel 14400EX
 Intel 14400 PCMCIA
 Intel 9600EX
 Intel SatisFaction[®]
 Intel SatisFaction 100
 Intel SatisFaction 400e
 ke WorldBlazer
 Kingston DataRex 14.4
 KORTEX KXPOCKET 9600
 KORTEX KXPRO 2400
 KORTEX KXPRO 144 BOX
 KORTEX KXPRO 144 CARTES
 KORTEX KXPRO 144 POCKET
 KORTEX KXPRO 9600
 KORTEX NFX 144 CARTES
 KORTEX NFX 144 POCKET
 LASAT Unique 144
 LCE 126P
 LCE 132P
 LIGHTFAX 1440LC
 LOGEM 914
 LOGEM 928
 M. Bullet 100E V.34
 M. Bullet E1414MX
 M. Bullet ModemMan
 M. Bullet ModemMan V.terbo
 M. Bullet PC1414MX
 M. Bullet PC192MX V.terbo
 M. CashCom
 M. SpiderMan
 Macronix Maxlite Fax 9696
 Macronix VOMAX 2000
 Maestro 144FMEI
 Maestro RC224FMI
 Megahertz 14400 CC3144
 Megahertz Alternative
 Megahertz C5144 for Compaq LTE
 Megahertz C596FM for CompaqLTE
 Megahertz P2144 AA Batteries
 Megahertz P2144 Pkt Faxmodem
 Megahertz P296FMV AA Batteries
 Megahertz T3144 for Toshiba
 Megahertz T396FM for Toshiba
 Megahertz X-Jack 14.4
 Megahertz X-Jack 28.8
 Megahertz Z3144 for Zenith
 Megahertz Z396FM for Zenith
 Metricom Wireless 9600
 MicroCom DeskPorte FAST
 MicroCom DeskPorte FAST ES28.8
 Microcom TravelCard FAST 28.8
 MicroCom QX 4232bis⁷⁴
 MicroComQX 4232HS
 MicroGate MG144⁷³
 MicroGate MG96⁷³
 MicroPorte 1042
 MultiTech MT932
 MultiTech MultiModem 224⁷⁵
 MultiTech MultiModem MT2834
 MultiTech MultiModem MT932
 NEC 9635E Plus
 Netcomm Pocket M/F 2400
 Netcomm Pocket Rocket PA
 Netcomm Smartmodem E7F
 New Media 144 PCMCIA
 NoteWorthy T144NWX
 NoteWorthy 28.8/14.4 Cellular-Ready Data/Fax Modem^{6,7}
 Octocom 8324⁷³
 Octocom 8396
 Ositech TR14401 14.4 Data/Fax Modem
 Ositech TR1403 28.8 Data/Fax Modem
 PDI-1000⁷
 PIAL FAXMOD PC
 PNB AMAZONE 2400
 PNB Baby RIO 14400
 Practical Peripherals 14400FX
 Practical Peripherals 14400SA
 Practical Peripherals 2400MNP⁷⁴
 Practical Peripherals 2400SA⁷
 Practical Peripherals 9600FX
 Practical Peripherals 9600SA
 Practical Peripherals PC288MT
 Practical Peripherals PC288SA
 Practical Peripherals PM288PKT
 Practical Peripherals2400 Pkt
 Practical ProClass 144 PCMCIA
 Psion Dacom PDM 50F
 QUATERNAIRE V32.BIS
 Racal ALM 3226
 Racal RMD 2412
 Racal RMD 2412/2⁷⁶
 Racal RMD 2422
 Racal RMD 3221
 Racal RMD 3222
 Racal RMD 3223
 Racal RMD 3226
 Racal RMD 9632PA
 Racal RMD 9642PA
 SAT 14402
 SBN 2314C
 SEMAFOR 1496A
 SEMAFOR 2324C
 Smartlink Pocket 2400
 Smartlink V32Bis/Fax
 Supra COMCARD 144
 Supra Fax Modem 288
 Supra Fax Modem 288 internal
 Supra Fax Modem 9624 Internal
 Supra Fax Modem Plus
 Supra Fax Modem V32
 Supra Fax Modem V32bis
 SupraModem 2400
 SYSNET SMF-04
 SYSNET SMF-36
 Telebit[®] QBlazer
 Telebit T1000
 Telebit T1500⁷
 Telebit T1600⁷⁴
 Telebit T2000
 Telebit T2500
 Telebit T3000
 Telebit TrailBlazer[®] Plus
 Telebit WorldBlazer
 Telebit WorldBlazer-Rackmount
 Telejet 14400
 Telelink IMS08
 Tornado 2400
 Tornado 96
 Tornado FM14400
 Toshiba (Noteworthy) 144 PCMCIA
 TOSHIBA SLIM ASYNC
 TOSHIBA SLIM FAX / 2400

TOSHIBA SLIM SYNC
UCOM FASTLINK 144
UCOM TRAVELLER 144
UDS Motorola CELLect 144
UDS Motorola FasTalk II
UDS Motorola FasTalk V.32/42b ⁷⁷
UDS Motorola FasTalk V32
UDS Motorola V.3225 ⁷⁴
UDS Motorola V.3227 ⁷⁷
UDS Motorola V.3229
UDS Motorola V.3400
US Robotics Courier Dual
US Robotics Courier HST
US Robotics Courier V.32bis
US Robotics Sportster 14400
US Robotics Sportster 2400
US Robotics Sportster 28800 VFC
US Robotics Sportster 9600
US Robotics V32bis Quad Digital
US Robotics Worldport 14400
Ven-Tel 14400 Fax
Ven-Tel 14400 Fax Internal
Ven-Tel 9600 Plus II ⁷⁸
Ven-Tel ECV 32bis II
Ven-Tel Pocket 24 V.42bis FAX
ViVa 144 Fax
Western Datacom Worldcom ⁷
Zoom AFX
Zoom FX 9624V
Zoom VFP 28.8 internal
Zoom VFX V.32bis
ZyXEL U-1496
ZyXEL U-1496 Plus
ZyXEL U-1496A Plus
ZyXEL U-1496B
ZyXEL U-1496B Plus
ZyXEL U-1496E
ZyXEL U-1496E Plus
ZyXEL U-1496EA
ZyXEL U-1496EA Plus
ZyXEL U-1496EG
ZyXEL U-1496EG Plus
ZyXEL U-1496G Plus
ZyXEL U-1496P
ZyXEL U-1496R
ZyXEL U-1496R Plus
ZyXEL U-1496RN
ZyXEL U-1496RN Plus
ZyXEL U-1496SN Plus

Hardware Security Hosts

The following hardware security hosts have been tested for use with Remote Access Service, and are supported on x86, MIPS, and Alpha AXP, and PowerPC platforms except as noted.

Digital Pathways Defender 1000D
Racal Gaurdata GSM
Security Dynamics ACM400

ISDN Adapters

The following ISDN adapters have been tested for use with Remote Access Service, and are supported on x86, MIPS, Alpha AXP, and PowerPC platforms except as noted.

Digiboard DataFire Adapter
DigiBoard PCIMAC ISA Adapter
DigiBoard PCIMAC/4 Adapter
Eicon BRI ISDN Adapter
Xircom BRI Adaptor

Multi-port Serial Adapters

The following multi-port serial adapters have been tested for use with Remote Access Service, and are supported on x86, MIPS, Alpha AXP platforms, and PowerPC Platforms except as noted.

Consensys ChiliPORTS/16 RAS Adapter ¹
DigiBoard 2Port
DigiBoard 4Port
DigiBoard 8Port
DigiBoard CX Adapter
DigiBoard DigiCHANNEL PC/X Host Adapter for ISA bus ⁷⁹
DigiBoard EPC Adapter
DigiBoard PC/2e (8K) Adapter
DigiBoard PC/4e Adapter
DigiBoard PC/4e (8K) Adapter
DigiBoard PC/8e Adapter
DigiBoard PC/8e (8K) Adapter
DigiBoard PC/8i Adapter
DigiBoard PC/16e Adapter
DigiBoard PC/16i Adapter
DigiBoard PC/Xem Adapter

X.25 Adapters

The following X.25 adapters have been tested for use with Remote Access Service, and are supported on the x86 and Alpha AXP platforms.

EiconCard EC/PC 1 Meg
EiconCard HSI/PC 1 Meg
Eicon Dual-Port Network-Adapter (DPNA) 2 Meg
Eicon Multi-Port Network-Adapter (MPNA) 2 Meg
Eicon S51

Third Party Remote Access Servers

The following third party remote access servers have been tested for use with Remote Access Service on the Windows NT 4.0 Beta Workstation. See Remote Access readme file (rasread.txt) for details on third party product versions supported.

Shiva LAN Rover
Telebit NetBlazer
Cisco
3Com/Centrum AccessBuilder

Keyboards

Any keyboard 100% compatible with those listed below.

101/102-key
IBM AT (84-key)⁸⁰

Pointing Devices

Any pointing devices 100% compatible with those listed below.

Logitech Mouse, all versions
Microsoft Mouse, all versions

Printers

Drivers are included for the following printers, and are supported on x86, MIPS, Alpha AXP, and PowerPC platforms except as noted.

v2014.103
Adobe[®] LaserJet[®] II Cartridge v52.3
Agfa Compugraphic 400PS
Agfa Compugraphic Genics
Agfa Matrix[®] ChromaScript v51.8
Agfa TabScript C500 PostScript[®] Printer v50[®].3
Agfa-Compugraphic 9400P v49.3
Apple[®] LaserWriter[®] 16/600 PS
Apple[®] LaserWriter II NT v47.0
Apple LaserWriter II NTX v47.0
Apple LaserWriter II NTX v51.8
Apple LaserWriter II NTX-J v50.5
Apple LaserWriter IIf v2010.113
Apple LaserWriter IIg v2010.113
Apple LaserWriter Plus v38.0
Apple LaserWriter Plus v42.2
Apple LaserWriter Pro 600
Apple LaserWriter Pro 630
Apple LaserWriter Pro 810
Apple LaserWriter Select[™] 360
Apple LaserWriter v23.0
Apple Personal LaserWriter NTR v2010.129
Apricot Laser
APS-PS PIP with APS-6-108 v49.3 or 52.2
APS-PS PIP with APS-6-80 v49.3 or 52.2
APS-PS PIP with LZR 1200 v49.3 or 52.2
APS-PS PIP with LZR 2600 v49.3 or 52.2

AST TurboLaser-PS v47.0
AT&T 470/475
AT&T 473/478
Brother[®] HJ-100
Brother HJ-100i
Brother HJ-770
Brother HL-10DV
Brother HL-10h
Brother HL-10V
Brother HL-1260
Brother HL-4
Brother HL-4V
Brother HL-4Ve
Brother HL-660
Brother HL-6V
Brother HL-8
Brother HL-8D
Brother HL-8e
Brother HL-8V
Brother M-1309
Brother M-1324
Brother M-1809
Brother M-1818
Brother M-1824L
Brother M-1909
Brother M-1918
Brother M-1924L
Bull Compuprint PageMaster 1025
Bull Compuprint PageMaster 413
Bull Compuprint PageMaster 815
Bull Compuprint PageMaster 825
Bull Compuprint PM 100
Bull Compuprint PM 200
Bull Compuprint PM 201
Bull Compuprint PM 300 (B/W)
Bull Compuprint PM 300 (Color)
C-Itoh 8510
Canon Bubble-Jet BJ-10e
Canon Bubble-Jet BJ-10ex
Canon Bubble-Jet BJ-10sx
Canon Bubble-Jet BJ-130
Canon Bubble-Jet BJ-130e
Canon Bubble-Jet BJ-20
Canon Bubble-Jet BJ-200
Canon Bubble-Jet BJ-200e
Canon Bubble-Jet BJ-200ex
Canon Bubble-Jet BJ-230
Canon Bubble-Jet BJ-300
Canon Bubble-Jet BJ-330
Canon Bubble-Jet BJC-4000
Canon Bubble-Jet BJC-600
Canon Bubble-Jet BJC-600e
Canon Bubble-Jet BJC-800
Canon LBP-1260
Canon LBP-1260C
Canon LBP-4
Canon LBP-4 Lite
Canon LBP-4 Plus
Canon LBP-4 PS-2 v51.4
Canon LBP-430
Canon LBP-4i
Canon LBP-4sx
Canon LBP-4U
Canon LBP-8 II
Canon LBP-8 III
Canon LBP-8 III Plus
Canon LBP-8 IIIR
Canon LBP-8 IIIT
Canon LBP-8 IIR
Canon LBP-8 IIT
Canon LBP-8 IV
Canon LBP-860
Canon LBP-8III PS-1 v51.4
Canon LBP-8IIIR PS-1 v51.4

Canon LBP-8IIT PS-1 v51.4
 Canon LBP-8sx
 Canon PS-IPU Color Laser Copier v52.3
 Canon PS-IPU Kanji Color Laser Copier v52.3
 Citizen 120D
 Citizen 120D+
 Citizen 124D
 Citizen 180D
 Citizen 200GX
 Citizen 200GX/15
 Citizen 224
 Citizen ABC ESC/P 2
 Citizen GSX 240 Scalable Font
 Citizen GSX-130
 Citizen GSX-140
 Citizen GSX-140+
 Citizen GSX-145
 Citizen GSX-220 ESC/P 2
 Citizen GSX-230
 Citizen GSX-240 ESC/P 2
 Citizen HSP-500
 Citizen HSP-550
 Citizen PN48
 Citizen Prodote 24
 Citizen Prodote 9
 Citizen Prodote 9x
 Citizen PROjet
 Citizen PROjet II
 Citizen ProLaser 6000
 Citizen Swift 200
 Citizen Swift 24
 Citizen Swift 240 ESC/P 2
 Citizen Swift 240 Scalable Font
 Citizen Swift 24e
 Citizen Swift 24x
 Citizen Swift 9
 Citizen Swift 9x
 ColorAge ColorQ
 Colormate PS v51.9
 Compaq PageMarq 15
 COMPAQ Pagemarq 15 v2012.015
 Compaq PageMarq 20
 COMPAQ Pagemarq 20 v2012.015
 Dataproducts LZR 1260 v47.0
 Dataproducts LZR 1560 v2010.127
 Dataproducts LZR 1580 v2011.113
 Dataproducts LZR 2080 v2011.113
 Dataproducts LZR 960 v2010.106
 Dataproducts LZR-2665 v46.2
 Dataproducts Typhoon 16 PS
 Dataproducts Typhoon 20 PS
 Dataproducts Typhoon 8 PS
 Diconix 150 Plus
 Digital Colormate PS v51.9
 Digital DECcolorwriter 1000 17
 Digital DECcolorwriter 1000 39
 Digital DECcolorwriter 120ic
 Digital DECcolorwriter 520ic
 Digital DEClaser 1100 (LJ)
 Digital DEClaser 1100
 Digital DEClaser 1150 v51.4
 Digital DEClaser 1152 17 fonts
 Digital DEClaser 1152 43 fonts
 Digital DEClaser 1800 (PCL®)
 Digital DEClaser 2100
 Digital DEClaser 2100plus (LJ)
 Digital DEClaser 2150 plus v51.4
 Digital DEClaser 2150 v51.4
 Digital DEClaser 2200
 Digital DEClaser 2200plus (LJ)
 Digital DEClaser 2250 plus v51.4
 Digital DEClaser 2250 v51.4
 Digital DEClaser 3200 (LJ)
 Digital DEClaser 3200
 Digital DEClaser 3250 v47

Digital DEClaser 3500
 Digital DEClaser 3500 (PCL)
 Digital DEClaser 5100
 Digital DEClaser 5100 (PCL)
 Digital DECmultiJET 1000
 Digital DECmultiJET 1500
 Digital DECmultiJET 2000
 Digital DECwriter 100i
 Digital DECwriter 110i
 Digital DECwriter 195
 Digital DECwriter 500i
 Digital DECwriter 65
 Digital DECwriter 95
 Digital LA310
 Digital LA324
 Digital LA424
 Digital LA70
 Digital LA75 Plus
 Digital LA75
 Digital LN03R ScriptPrinter
 Digital PrintServer 17/600
 Digital PrintServer 17 12mb/L2
 Digital PrintServer 17 v48.3
 Digital PrintServer 20 v48.3
 Digital PrintServer 32 Kanji v48.3
 Digital PrintServer 32 v48.3
 Digital PrintServer 40 Plus Kanji v48.3
 Digital PrintServer 40 Plus v48.3
 Digital turbo PrintServer 20
 Digital turbo PrintServer 20 Kanji v48.3
 Epson® ActionLaser 1500
 Epson ActionLaser 1600
 Epson ActionLaser II
 Epson AP-3250 ESC/P 2
 Epson AP-3250 Scalable Font
 Epson AP-3260 ESC/P 2
 Epson AP-5000 ESC/P 2
 Epson AP-5000 Scalable Font
 Epson AP-5000+ ESC/P 2
 Epson AP-5500 ESC/P 2
 Epson AP-5500 Scalable Font
 Epson AP-5500+ ESC/P 2
 Epson Compatible 24 Pin
 Epson Compatible 9 Pin
 Epson DFX-5000
 Epson DLQ-2000
 Epson EPL-3000
 Epson EPL-4000
 Epson EPL-4200
 Epson EPL-4300
 Epson EPL-5200
 Epson EPL-5600
 Epson EPL-6000
 Epson EPL-7000
 EPSON EPL-7500 v52.3
 Epson EPL-8000
 Epson EPL-8100
 Epson EPL-9000
 Epson EX-1000
 Epson EX-800
 Epson FX-100
 Epson FX-100+
 Epson FX-1000
 Epson FX-105
 Epson FX-1050
 Epson FX-185
 Epson FX-286
 Epson FX-286e
 Epson FX-80
 Epson FX-80+
 Epson FX-800
 Epson FX-85
 Epson FX-850
 Epson FX-86e
 Epson GQ-3500

Epson JX-80
 Epson L-1000
 Epson L-750
 EPSON LP-3000PS F2 v52.3
 EPSON LP-3000PS F5 v52.3
 Epson LQ-100 ESC/P 2
 Epson LQ-100 Scalable Font
 Epson LQ-1000
 Epson LQ-1010
 Epson LQ-1050
 Epson LQ-1060
 Epson LQ-1070 ESC/P 2
 Epson LQ-1070 Scalable Font
 Epson LQ-1070+ ESC/P 2
 Epson LQ-1170 ESC/P 2
 Epson LQ-1170 Scalable Font
 Epson LQ-150 ESC/P 2
 Epson LQ-1500
 Epson LQ-200
 Epson LQ-2500
 Epson LQ-2550
 Epson LQ-400
 Epson LQ-450
 Epson LQ-500
 Epson LQ-510
 Epson LQ-550
 Epson LQ-570 ESC/P 2
 Epson LQ-570 Scalable Font
 Epson LQ-570+ ESC/P 2
 Epson LQ-800
 Epson LQ-850
 Epson LQ-850+
 Epson LQ-860
 Epson LQ-870 ESC/P 2
 Epson LQ-870 Scalable Font
 Epson LQ-950
 Epson LX-1050
 Epson LX-400
 Epson LX-80
 Epson LX-800
 Epson LX-810
 Epson LX-850
 Epson LX-850+
 Epson LX-86
 Epson MX-100
 Epson MX-80 F/T
 Epson MX-80
 EPSON PostScript CARD v52.5
 Epson RX-100
 Epson RX-100+
 Epson RX-80
 Epson RX-80 F/T
 Epson RX-80 F/T+
 Epson SQ-1170 ESC/P 2
 Epson SQ-1170 Scalable Font
 Epson SQ-2000
 Epson SQ-2500
 Epson SQ-2550
 Epson SQ-850
 Epson SQ-870 ESC/P 2
 Epson SQ-870 Scalable Font
 Epson Stylus 1000 ESC/P 2
 Epson Stylus 300 ESC/P 2
 Epson Stylus 400 ESC/P 2
 Epson Stylus 800 ESC/P 2
 Epson Stylus 800+ ESC/P 2
 Epson Stylus COLOR ESC/P 2
 Epson T-1000
 Epson T-750
 Fujitsu Breeze 100
 Fujitsu Breeze 200
 Fujitsu DL 1100 Colour
 Fujitsu DL 1100
 Fujitsu DL 1150
 Fujitsu DL 1200
 Fujitsu DL 1250
 Fujitsu DL 2400
 Fujitsu DL 2600
 Fujitsu DL 3300
 Fujitsu DL 3350
 Fujitsu DL 3400
 Fujitsu DL 3450
 Fujitsu DL 3600
 Fujitsu DL 4400
 Fujitsu DL 4600
 Fujitsu DL 5600
 Fujitsu DL 900
 Fujitsu DX 2100
 Fujitsu DX 2200
 Fujitsu DX 2300
 Fujitsu DX 2400
 Fujitsu RX7100PS v50.3
 GCC BLP Elite v52.3
 GCC BLP II v52.3
 GCC BLP IIS v52.3
 GCC Business LaserPrinter v49.2
 GCC Business LaserPrinter v51.4
 GCC ColorTone v2.1
 GCC Elite 600 v1.1
 GCC SelectPress 1200 v2.3
 GCC SelectPress 600 v2.3
 Generic / Text Only
 Generic IBM Graphics 9pin wide
 Generic IBM Graphics 9pin
 Gestetner GLP800-Scout v52.3
 Hermes H 606 PS (13 Fonts)
 Hermes H 606 PS (35 fonts)
 Hermes H 606
 Hewlett-Packard HP-GL®/2 Plotter
 HP 7550 Plus
 HP Color LaserJet
 HP Color LaserJet PS
 HP DesignJet 200 (C3180A)
 HP DesignJet 200 (C3181A)
 HP DesignJet 600 (C2847A)
 HP DesignJet 600 (C2848A)
 HP DesignJet 650C (C2858A)
 HP DesignJet 650C (C2858B)
 HP DesignJet 650C (C2859A)
 HP DesignJet 650C (C2859B)
 HP DesignJet 650C v2013.109
 HP DesignJet (C3180A)
 HP DeskJet® 1200C
 HP DeskJet 1200C/PS
 HP DeskJet 310
 HP DeskJet 500
 HP DeskJet 500C
 HP DeskJet 510
 HP DeskJet 520
 HP DeskJet 540
 HP DeskJet 540 (Monochrome)
 HP DeskJet 550C
 HP DeskJet 560C
 HP DeskJet Plus
 HP DeskJet Portable
 HP DeskJet
 HP DraftMaster RX/MX
 HP DraftMaster SX
 HP DraftPro® Plus (C3170A)
 HP DraftPro Plus (C3171A)
 HP LaserJet 2000
 HP LaserJet 4
 HP LaserJet 4 Plus
 HP LaserJet 4/4M Plus PS 300
 HP LaserJet 4/4M Plus PS 600
 HP LaserJet 4/4M PS
 HP LaserJet 4/4M PS (300 dpi)
 HP LaserJet 4L
 HP LaserJet 4L/4ML PostScript
 HP LaserJet 4M

HP LaserJet 4M Plus
 HP LaserJet 4ML
 HP LaserJet 4MP
 HP LaserJet 4MV
 HP LaserJet 4P
 HP LaserJet 4P/4MP PS
 HP LaserJet 4P/4MP PS (300 dpi)
 HP LaserJet 4Si
 HP LaserJet 4Si MX
 HP LaserJet 4Si/4Si MX PS
 HP LaserJet 4Si/4Si MX PS (300 dpi)
 HP LaserJet 4V
 HP LaserJet 4V/4MV PostScript
 HP LaserJet 5P
 HP LaserJet 5MP
 HP LaserJet 5P/5MP PostScript
 HP LaserJet 500+
 HP LaserJet IID PostScript Cartridge v52.2
 HP LaserJet IID
 HP LaserJet III PostScript Cartridge v52.2
 HP LaserJet III PostScript Plus v2010.118
 HP LaserJet III
 HP LaserJet IIID PostScript Cartridge v52.2
 HP LaserJet IIID PostScript Plus v2010.118
 HP LaserJet IIID
 HP LaserJet IIIP PostScript Cartridge v52.2
 HP LaserJet IIIP PostScript Plus v2010.118
 HP LaserJet IIIP
 HP LaserJet IIISi PostScript v52.3
 HP LaserJet IIISi
 HP LaserJet IIP
 HP LaserJet IIP Plus
 HP LaserJet IIP PostScript Cartridge v52.2
 HP LaserJet Plus
 HP LaserJet Series II
 HP LaserJet
 HP OfficeJet
 HP PaintJet® XL 300
 HP PaintJet XL
 HP PaintJet XL300 v2011.112
 HP PaintJet
 HP QuietJet® Plus
 HP QuietJet
 HP ThinkJet® (2225 C-D)
 IBM 2390 Plus
 IBM 2391 Plus
 IBM 2390 PS/1
 IBM 4019 LaserPrinter
 IBM 4019 LaserPrinter PS17
 IBM 4019 LaserPrinter PS39
 IBM 4029 LaserPrinter
 IBM 4029 LaserPrinter PS17
 IBM 4029 LaserPrinter PS39
 IBM 4037 5E
 IBM 4039 LaserPrinter
 IBM 4039 LaserPrinter PS
 IBM 4039 LaserPrinter Plus
 IBM 4039 LaserPrinter plus PS
 IBM 4070 IJ
 IBM 4079 Color Jetprinter PS
 IBM 4216-020 v47.0
 IBM 4216-030 v50.5
 IBM ExecJet® 4072
 IBM ExecJet 4076 II
 IBM Graphics
 IBM Personal Page Printer II-31
 IBM Personal Printer II 2380
 IBM Personal Printer II 2381
 IBM Personal Printer II 2390
 IBM Personal Printer II 2391
 IBM Portable 5183
 IBM Proprinter® II
 IBM Proprinter III
 IBM Proprinter X24

IBM Proprinter X24e
 IBM Proprinter XL II
 IBM Proprinter XL III
 IBM Proprinter XL
 IBM Proprinter XL24
 IBM Proprinter XL24e
 IBM Proprinter
 IBM PS/1 2205
 IBM QuickWriter® 5204
 IBM QuietWriter® III
 Kodak® ColorEase PS Printer
 Kodak EktaPlus 7016
 KODAK XLS 8600 PS v2014.105
 Kyocera® F-1000
 Kyocera F-1000A
 Kyocera F-1010
 Kyocera F-1200S
 Kyocera F-1800
 Kyocera F-1800A
 Kyocera F-2000A
 Kyocera F-2010
 Kyocera F-2200
 Kyocera F-2200S
 Kyocera F-3000
 Kyocera F-3000A
 Kyocera F-3010
 Kyocera F-3300
 Kyocera F-5000
 Kyocera F-800
 Kyocera F-800A
 Kyocera F-820
 Kyocera FS-1500 / FS-1500A
 Kyocera FS-1550 / FS-1550A
 Kyocera FS-3400 / FS-3400A
 Kyocera FS-3500 / FS-3500A
 Kyocera FS-400 / FS-400A
 Kyocera FS-5500 / FS-5500A
 Kyocera FS-850 / FS-850A
 LaserMaster Unity 1200XL v47.0
 LaserWriter Personal NT v51.8
 Lexmark 4039 Plus PS
 Lexmark 4039 LaserPrinter Plus
 Lexmark ExecJet IIc
 Lexmark Optra
 Lexmark Optra PS
 Lexmark ValueWriter 300
 Lexmark ValueWriter 600
 Linotronic™ 100 v42.5
 Linotronic 200 v47.1
 Linotronic 200 v49.3
 Linotronic 200/230
 Linotronic 300 v47.1
 Linotronic 300 v49.3
 Linotronic 330 v52.3
 Linotronic 330-RIP 30 v52.3
 Linotronic 500 v49.3
 Linotronic 530 v52.3
 Linotronic 530-RIP 30 v52.3
 Linotronic 630 v52.3
 Linotronic 830 v52.3
 Linotronic 930 v52.3
 Linotronic Pr60 v52.3
 Mannesmann Tally® MT 130/24
 Mannesmann Tally MT 131/24
 Mannesmann Tally MT 150/24
 Mannesmann Tally MT 151/24
 Mannesmann Tally MT 230/24
 Mannesmann Tally MT 330
 Mannesmann Tally MT 350
 Mannesmann Tally MT 360
 Mannesmann Tally MT 730/735
 Mannesmann Tally MT 82
 Mannesmann Tally MT 90
 Mannesmann Tally MT 904 Plus

Mannesmann Tally MT 908
Mannesmann Tally T9005 Plus
Mannesmann Tally MT 91
Mannesmann Tally MT 92
Mannesmann Tally MT 92C
Mannesmann Tally MT 93
Mannesmann Tally MT 94
Mannesmann Tally MT 98/99
Mannesmann Tally T7010
Mannesmann Tally T7018
Mannesmann Tally T7040 (Colour)
Mannesmann Tally T7040 (Mono)
Mannesmann Tally T9017
Microtek TrueLaser
Minolta SP 3000
Minolta SP 3500
Monotype® ImageMaster 1200 v52.3
Monotype Imagesetter v52.2
NEC Colormate PS/40 v51.9
NEC Colormate PS/80 v51.9
NEC Jetmate 400
NEC Jetmate 800
NEC Pinwriter CP6
NEC Pinwriter CP7
NEC Pinwriter P20
NEC Pinwriter P2200
NEC Pinwriter P2plus
NEC Pinwriter P30
NEC Pinwriter P3200
NEC Pinwriter P3300
NEC Pinwriter P5200
NEC Pinwriter P5300
NEC Pinwriter P5XL
NEC Pinwriter P6
NEC Pinwriter P60
NEC Pinwriter P6200
NEC Pinwriter P6300
NEC Pinwriter P6plus
NEC Pinwriter P7
NEC Pinwriter P70
NEC Pinwriter P7plus
NEC Pinwriter P90
NEC Pinwriter P9300
NEC Pinwriter P9XL
NEC SilentWriter® 95 v2010.119
NEC Silentwriter 95 v2011.111
NEC Silentwriter 97 v2011.111
NEC Silentwriter LC 860 Plus
NEC Silentwriter LC 860
NEC Silentwriter LC890 v47.0
NEC Silentwriter LC890XL v50.5
NEC Silentwriter S102
NEC Silentwriter2 290 v52.0
NEC Silentwriter2 90 v52.2
NEC Silentwriter2 990 v52.3
OceColor G5241 PS
OceColor G5242 PostScript Printer v50.3
OKI MICROLINE 801PS+F v52.3
Oki ML 182 Elite (IBM)
Oki ML 192 Elite (IBM)
Oki ML 193 Elite (IBM)
Oki ML 280 Elite (IBM)
Oki ML 320 Elite (IBM)
Oki ML 321 Elite (IBM)
Oki ML 3410 Elite (IBM)
Oki ML 380 Elite
Oki ML 390 Elite
Oki ML 391 Elite
Oki ML 393 Elite
Oki ML 393C Elite
Oki ML 590
Oki ML 591
OKI OL-400
Oki OL-410
Oki OL-410ex
Oki OL410e v2014.105
OKI OL-800/840
Oki OL-810
Oki OL-870
Oki OL830-PS v52.5
Oki OL840-PS v51.8
Oki OL850-PS v52.5
Oki OL870-PS v2013.108
Okidata® LaserLine 6
Okidata ML 192 Plus
Okidata ML 192
Okidata ML 192-IBM
Okidata ML 193 Plus
Okidata ML 193
Okidata ML 193-IBM
Okidata ML 292-IBM
Okidata ML 293-IBM
Okidata ML 320
Okidata ML 320-IBM
Okidata ML 321
Okidata ML 321-IBM
Okidata ML 380
Okidata ML 390 Plus
Okidata ML 390
Okidata ML 391 Plus
Okidata ML 391
Okidata ML 393 Plus
Okidata ML 393
Okidata ML 393C Plus
Okidata ML 393C
Okidata ML 92-IBM
Okidata ML 93-IBM
Okidata OL-400
Okidata OL-410e
Okidata OL-800
Okidata OL-810
Olivetti DM 109
Olivetti DM 124 C
Olivetti DM 124 L
Olivetti DM 124
Olivetti DM 309 L
Olivetti DM 309 S
Olivetti DM 309 SL
Olivetti DM 309
Olivetti DM 324 L
Olivetti DM 324 S
Olivetti DM 324 SL
Olivetti DM 324
Olivetti DM 600 S
Olivetti DM 600
Olivetti DM 624
Olivetti ETV 5000
Olivetti JP 150
Olivetti JP 150 WS
Olivetti JP 250
Olivetti JP 350
Olivetti JP 350S
Olivetti JP 360 (Color)
Olivetti JP 360 (Monochrome)
Olivetti JP 450 (Color)
Olivetti JP 450 (Monochrome)
Olivetti JP 50
Olivetti PG 108
Olivetti PG 208 M2
Olivetti PG 306 PS (13 Fonts)
Olivetti PG 306 PS (35 Fonts)
Olivetti PG 306
Olivetti PG 308 HS PostScript
Olivetti PG 308 HS
Olivetti PG 308
Olivetti PG 404
Olivetti PG 408
Panasonic KX-P1081
Panasonic KX-P1123
Panasonic KX-P1124

Panasonic KX-P1124i
 Panasonic KX-P1180
 Panasonic KX-P1624
 Panasonic KX-P1695
 Panasonic KX-P2123
 Panasonic KX-P2124
 Panasonic KX-P2180
 Panasonic KX-P2624
 Panasonic KX-P3134
 Panasonic KX-P3634
 Panasonic KX-P4410
 Panasonic KX-P4420
 Panasonic KX-P4430
 Panasonic KX-P4440
 Panasonic KX-P4450
 Panasonic KX-P4450i
 Panasonic KX-P4451
 Panasonic KX-P4455 v51.4
 Panasonic KX-P5400 v2013.112
 Panasonic KX-P5410 v2013.110
 QMS® 1060 Print System
 QMS 1660 Print System
 QMS 1725 Print System
 QMS 2025 Print System
 QMS 3225 Print System
 QMS 420 Print System v2011.22 r15
 QMS 4525 Level 2
 QMS 4525 Print System
 QMS 860 Print System v2011.22 r15
 QMS 860+ Level 2
 QMS ColorScript 100 Mod 30si
 QMS ColorScript 100 Model 10 v50.3
 QMS ColorScript 100 Model 20 v50.3
 QMS ColorScript 100 Model 30 v50.3
 QMS ColorScript 100 v49.4
 QMS ColorScript 1000 Level 1
 QMS ColorScript 1000 Level 2
 QMS ColorScript 210 v2011.22
 QMS ColorScript 230 v2011.22
 QMS PS Jet Plus v46.1
 QMS PS Jet v46.1
 QMS-PS® 1700 v52.4
 QMS-PS 2000 v52.4
 QMS-PS 2200 v51.0 or 52.3
 QMS-PS 2210 v51.0 or 52.3
 QMS-PS 2220 v51.0 or 52.3
 QMS-PS 410 v52.4
 QMS-PS 800 Plus v46.1
 QMS-PS 800 v46.1
 QMS-PS 810 Turbo v. 51.7
 QMS-PS 810 v47.0
 QMS-PS 815 MR v52.4
 QMS-PS 815 v52.4
 QMS-PS 820 Turbo v51.7
 QMS-PS 820 v51.7
 QMS-PS 825 MR v52.4
 QMS-PS 825 v52.4
 QuadLaser I
 Qume ScripTEN v47.0
 Radio Shack JP1000 (Color)
 Radio Shack JP1000 (Mono)
 Radio Shack JP500
 Ricoh LP-1200
 Ricoh PC Laser 6000-PS v50.5
 Royal CJP 450
 Scantext 2030-51 v49.3 or 52.2
 Schlumberger 5232 Color PostScript Printer v50.3
 Seiko ColorPoint PS Model 04
 Seiko ColorPoint PS Model 14
 Seiko ColorPoint2 PSF™
 Seiko Professional ColorPoint 8BPP
 Seikosha LT-20
 Seikosha SL-80 IP
 Seikosha SL-92 Plus
 Seikosha SL-92
 Seikosha SP-1900
 Seikosha SP-1900+
 Seikosha SP-2000
 Seikosha SP-2400
 Seikosha SP-2415
 SEIKOSHA SpeedJET 200
 Sharp JX-9300
 Sharp JX-9460
 Sharp JX-9460 PS
 Sharp JX-9500
 Sharp JX-9500 PS
 Sharp JX-9500E
 Sharp JX-9500H
 Sharp JX-9600
 Sharp JX-9600 PS
 Sharp JX-9660
 Sharp JX-9660 PS
 Sharp JX-9700
 Sharp JX-9700E
 Sharp JX-9700E PS
 Shinko Color CHC-746PSJ PostScript Printer v52.2
 Star FR-10
 Star FR-15
 Star LaserPrinter 4 III
 Star LaserPrinter 4
 Star LaserPrinter 5 EX
 Star LaserPrinter 5
 Star LaserPrinter 8 DB
 Star LaserPrinter 8 DX
 Star LaserPrinter 8 II
 Star LaserPrinter 8 III
 Star LaserPrinter 8
 Star LC-10
 Star LC-10 Colour
 Star LC-100 Colour
 Star LC-15
 Star LC-20
 Star LC-200
 Star LC24-10
 Star LC24-100
 Star LC24-15
 Star LC24-20
 Star LC24-200
 Star LC24-200 Colour
 Star NB24-10
 Star NB24-15
 Star NL-10
 Star NX-1000 Rainbow
 Star NX-1000
 Star NX-1001
 Star NX-1020 Rainbow
 Star NX-1500
 Star NX-2400
 Star NX-2410
 Star NX-2415
 Star NX-2420 Rainbow
 Star NX-2420
 Star NX-2430
 Star SJ-48
 Star XB-2410
 Star XB-2415
 Star XB-2420
 Star XB-2425
 Star XB24-10
 Star XB24-15
 Star XB24-200
 Star XB24-250
 Star XR-1000
 Star XR-1020
 Star XR-1500
 Star XR-1520
 Star ZA-200
 Star ZA-250
 Tandy® LP-1000
 Tegra Genesis

Tektronix® Phaser™ 140
Tektronix Phaser 200e with 17 fonts v2011.108(3)
Tektronix Phaser 200e with 39 fonts v2011.108(3)
Tektronix Phaser 200i v2011.108(3)
Tektronix Phaser 200J
Tektronix Phaser 220e with 17 fonts
Tektronix Phaser 220e with 39 fonts
Tektronix Phaser 220i
Tektronix Phaser 220J
Tektronix Phaser 300i
Tektronix Phaser 300J
Tektronix Phaser 340
Tektronix Phaser 340 600 dpi
Tektronix Phaser 440
Tektronix Phaser 480
Tektronix Phaser 480J
Tektronix Phaser 540
Tektronix Phaser II PX
Tektronix Phaser II PXe v2010.128 with 17 fonts
Tektronix Phaser II PXe v2010.128 with 39 fonts
Tektronix Phaser II PXi v2010.116
Tektronix Phaser II PXi v2011.108
Tektronix Phaser II PXiJ v2011.108
Tektronix Phaser III PXi v2010.116
Tektronix Phaser III PXi v2011.108
Tektronix Phaser III PXiJ v2011.108
Tektronix Phaser IISD v2011.108
Tektronix Phaser IISDJ
Tektronix Phaser IISDX
Tektronix Phaser PX
Tektronix Phaser PXi
TI 2115 13 fonts v47.0
TI 2115 35 fonts v47.0
TI 850/855
TI microMarc Advanced Mono
TI microMarc Color
TI microLaser 600
TI microLaser 600 2014.107 PS23
TI microLaser Pro 600 2013 PS23
TI microLaser Pro 600 2014 PS23
TI microLaser Pro 2014.107 23
TI microLaser Pro 600 2013 PS65
TI microLaser Pro 600 2014 PS65
TI microLaser PowerPro 2014 67
TI microLaser PowerPro 2014.107
TI microLaser Pro 300 2014 PS23
TI microLaser Pro E 2014.107 23
TI microLaser PS17 v.52.1
TI microLaser PS35 v.52.1
TI microLaser XL PS17 v.52.1
TI microLaser XL PS35 v.52.1
TI microLaser16 Turbo v2010.119
TI microLaser6 Turbo v2010.119
TI microLaser9 Turbo v2010.119
TI OmniLaser™ 2108 v45.0
TI Omnilaser 2115 v47.0
Toshiba GX-400
Toshiba PageLaser12
Triumph® Adler SDR 7706 PS13
Triumph Adler SDR 7706 PS35
Triumph Adler SDR 7706
UNISYS AP9210 17 Fonts v52.1
UNISYS AP9210 39 Fonts v52.1
Unisys AP9210
Unisys AP9415 v47.0
Unity 1800PM-R
Unity 1800XL
Unity 1800XL-O
Varityper 4000-L300 v52.3
Varityper 4000-L330 v52.3
Varityper 4000-L500 v52.3
Varityper 4000-L530 v52.3
Varityper 4200B-P v49.3 or 52.2
Varityper 4300P v49.3 or 52.2
Varityper Series 4000-5300 v49.3 or 52.2

Varityper Series 4000-5330 v49.3 or 52.2
Varityper Series 4000-5500 v52.2
Varityper VT-600P v48.0
Varityper VT-600P
Varityper VT-600W v48.0
Varityper VT4990 v52.3
Varityper VT4_510A v52.3
VT4_530A v52.3
VT4_530B v52.3
VT4_530C v52.3
VT4_533B v52.3
VT4_533C v52.3
VT4_53EA v52.3
VT4_53EB v52.3
VT4_550A v52.3
VT4_550B v52.3
VT4_550C v52.3
VT4_551A v52.3
VT4_563A v52.3
VT4_563B v52.3
Wang® LCS15 FontPlus
Wang LCS15
Wang LDP8
Xerox® 4505/4510 PS v2013.109
Xerox 4520 v2013.109
Xerox 4900 PostScript
Xerox DocuTech 135 v2010.130
Xerox DocuTech 85 v2010.130
Xerox DocuTech 90 v2010.130

Technical Notes

The Windows NT Driver Library is provided on the Windows NT CD-ROM in the \DRVLIB directory.

- 1 This device requires a driver from the \DRVLIB directory on the Windows NT 4.0 Beta Release CD-ROM
- 2 This adapter uses the 'Novell NE2000 compatible Adapter' driver.
- 3 This adapter has been verified to work with Network Monitor
- 4 Currently PCMCIA modems do not make standard modem sounds in Windows NT 4.0 i.e. dial tones and carrier detection.
- 5 Will be detected as 'Compaq SpeedPAQ 144/P' modem during setup.
- 6 Will be detected as a 'Hayes Optima 28800' modem during setup.
- 7 Supported as a client modem only.
- 8 For best performance, this adapter should be configured to IRQ-11.
- 9 Tested with firmware revisions 3.10 and 3.20.
- 10 This adapter requires an active terminator for proper performance.
- 11 The floppy controller on this adapter is not supported.
- 12 This adapter must be configured for 5 Mb/second asynchronous I/O to work with listed CD-ROM drives from Chinon, Hitachi, and NEC.
- 13 Tested with Compaq Deskpro XL 466 and HP Vectra XU 5/90c.
- 14 Tested with Firmware revision 4.25J and BIOS revision 4.92E.
- 15 Removable media drives that do not implement media locking are not supported with write-cache enabled.
- 16 Tested with Firmware revision 7C.
- 17 Some non-wide SCSI devices may require the disabling of wide transfer negotiations to function properly.
- 18 To use this adapter, at least one device on the bus must provide termination power.
- 19 Refer to SETUP.TXT for information on configuring this adapter.
- 20 Removable media is not supported with this adapter.
- 21 This adapter does not support the WangTek 5150es tape drive.
- 22 Tested with NEC RISCstation 2000.
- 23 Tested with Dell Omniplex 560.
- 24 Tested with NeTpower FASTseries MP 2x150MHz.
- 25 Tested with Digital Equipment Corp. AlphaServer 2100 4/200 (Digital Equipment Corp. 2100 Server model A500MP).
- 26 This adapter is only supported on IRQ-5.
- 27 Tested with firmware revision 005.
- 28 Requires firmware revision 008.
- 29 This drive is not supported on the Alpha platform for this Beta release.
- 30 This drive is not supported with the IBM PS/2 Microchannel SCSI Host Adapter.
- 31 Tested with firmware revision R.
- 32 This drive is not supported for use with the Adaptec AHA-1740 and AHA-1742 adapters.
- 33 This drive is not supported on the PowerPC platform for this Beta release.
- 34 Requires firmware revision W11 or greater to function properly with Windows NT.
- 35 Supported with CD-ROM drives based on Panasonic CR-52x and CR-56x models only.
- 36 Requires firmware revision S02 or greater to function properly with Windows NT.
- 37 Users may encounter problems with CD-R (recordable) discs.
- 38 This drive is not supported with the IBM PS/2 Microchannel SCSI Host Adapter (with cache).
- 39 This drive is not supported with the Adaptec AHA-1510 adapter.
- 40 The Future Domain TMC-1670 with bios version 3.0 requires that the bios be disabled when used with this drive.
- 41 Compression jumper must be in enabled position on this drive.
- 42 This drive is not supported with the UltraStor 24fa adapter.
- 43 Tested with firmware revision DEC4318
- 44 This drive is not supported with the Adaptec AHA-1742A adapter.
- 45 For use with floppy controllers. Separate interface controllers for these types of drives are not supported.
- 46 Formatting a QIC-40/QIC-80 Floppy Tape may require disconnecting from the network to enable tape to format properly.
- 47 Not supported with the NCR 8250S SCSI controller.
- 48 Not supported with the Future Domain 1670 SCSI Adapter.
- 49 Requires DeskScan II 2.2 for proper operation. Please see the Release Notes for further information.
- 50 Requires firmware version 1.15.15s for proper performance.
- 51 Versions of this board based on the 688LX or 68003 chip require more than 1mb of video memory to support 800x600x65k.
- 52 This adapter is only supported on the IBM Power Personal Developer's ToolBox Program Standard Desktop System.
- 53 Tested as on-board video chipset, does not require firmware support for third party add-in video(INT 10).
- 54 Random pixel corruption may occur on Pentium based systems.
- 55 65k colors are supported with a 565 DAC, 32k colors with a 555 DAC.
- 56 Some older 928 chips do not support 800x600xTRUE with 2Mb of RAM.
- 57 Not all video board/monitor combinations are able to properly display 1600x1200.
- 58 ATI Mach 32 based boards with revision 003 of the Mach 32 chip will not support 800x600 with only 1Mb of RAM.
- 59 2MB Video Memory only supported on Cirrus 543x series of chips.
- 60 This adapter is not supported on the Compaq ProSignia 500.
- 61 FDDI tested only.
- 62 This adapter is not supported on Motorola PowerPC models.
- 63 This adapter is not supported on the Compaq Smart Docking Station.
- 64 Not supported with Multiprocessor MIPS systems.
- 65 This adapter is not supported with DMA mode enabled.
- 66 This adapter uses the 'AMD PCNET Family Ethernet Adapter' driver.
- 67 Not compatible with IBM Thinkpad 700.
- 68 Non-bidirectional parallel port machines may suffer performance degradation when the driver for this adapter is installed.
- 69 The Toshiba 4700CS and 4800CT are not supported in Bi-directional mode with this adapter.
- 70 Not supported in Sound Blaster 1.x compatibility mode.

- 71 Supported in Sound Blaster 1.x compatibility mode.
- 72 Will be detected as a 'Hayes Accura 14400' modem during setup.
- 73 Error control and flow control forced on.
- 74 Advanced features disabled.
- 75 Flow control forced on.
- 76 Maximum DTE speed set to 2400.
- 77 Maximum DTE speed set to 9600.
- 78 Modem compression forced on.
- 79 Tested as standard serial ports only.
- 80 Supported on x86 only.

While we have endeavored to supply as complete and accurate a list as possible, MICROSOFT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AS TO THE COMPLETENESS AND ACCURACY OF THIS LIST. This list does not constitute an endorsement of any particular manufacturer.

Microsoft and BallPoint are registered trademarks and Windows and Windows NT are trademarks of Microsoft Corporation.