



Build Your Own (BYO) AutumnTECH System

Installation Guide

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E-mail Support: Support@AutumnTECH.com

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Before You Begin

The process for installing your AutumnTECH solution has been simplified by AutumnTECH developers in an effort to allow for the quickest installation path while offering a high level of configuration freedom.

What You Need to Get Started

The installation process will take 20 - 30 minutes (normally) to complete. You will need to establish a remote SSH session to your appliance using an SSH client like “Putty” and a secure file transfer client like “SCP” In addition, you need to attach a monitor and keyboard to the appropriate ports located in the rear of your BYO appliance.

An internal or external CD-ROM drive attached via USB is required. Check your system BIOS to ensure that the CD-ROM is in your boot order and that it is setup as the highest boot priority.

NOTE: You may need to adjust other BIOS settings including enabling legacy SATA drive support to successfully install BYO. Most technical support request are made surrounding the ability for the BYO installation to see your hard drives. Check your BIOS settings and attempt to run the installation again.

Attach a monitor and PS/2 style keyboard to the rear of your hardware now! Attach your external CD-ROM drive (if applicable) and adjust your system BIOS settings to ensure the ability to boot from the CD-ROM.

You will need all username and passwords used for accessing your appliance. Here are the factory default credentials:

SSH/Console (superuser) username:	root
SSH/Console (superuser) password:	password
SSH/Console (operator) username:	spam
SSH/Console (operator) password:	password
Webtility web access username:	admin
Webtility web access password:	password

If you need an SSH and secure file transfer client (SCP), we have both available for download off of our website. These clients are compiled for the Windows® operating system. Both should be downloaded and saved in the “System32” directory which will normally be located at C:\WINDOWS\System32

Putty SSH Client: <ftp://ftp.AutumnTECH.com/putty.exe>

Putty SCP Client: <ftp://ftp.AutumnTECH.com/pscp.exe>

Step 1: Purchase the Installation ISO Image

Purchase is available at: <http://www.AutumnTECH.com/byo.cfm>

BYO is

The image file can be opened in most of the popular CD-R burning software programs (we use NERO) which should start the process of creating a bootable CD. Use this bootable CD to start your system and to begin the BYO installation program.

Hardware Requirements:

- Minimum 40 GB Hard Drive
- Minimum 512 MB RAM Memory
- 2.0 GHz Pentium 4 (or greater) Processor
- 10/100/1000 Ethernet Card
- Monitor, Keyboard
- Internal or External USB Attached CD-ROM

Software Requirements:

- Blank CD-R disc
- CD-ROM capable of burning a CD-ROM
- CD burning software capable of selecting a burning ISO image files, most are capable, we use NERO

[Click here for the completed list of support hardware peripherals](#)

Step 2: Install BYO

Power your system on, if the system fails to boot from the CD, first check the system bios to make sure that booting from the CD is the highest boot priority. If the system still fails to boot, check the bootable CD in a different system. If that fails, check your CD-R burning software.

The following is set to represent the installation of a typical BYO system. You MAY change the size of the hard drive partition as long as the shown sizes are the minimum sizes.

- Hit [ENTER] next to questions that do NOT require a response
- Questions that require a response are shown in **RED**

Welcome to the OpenBSD/i386 4.4 install program.

This program will help you install OpenBSD. At any prompt except password prompts you can escape to a shell by typing '!'. Default answers are shown in []'s and are selected by pressing RETURN. At any time

you can exit this program by pressing Control-C, but exiting during an install can leave your system in an inconsistent state.

Terminal type? [vt220]
kbd(8) mapping? ('L' for list) [none]

IS YOUR DATA BACKED UP? As with anything that modifies disk contents, this program can cause SIGNIFICANT data loss. It is often helpful to have the installation notes handy. For complex disk configurations, relevant disk hardware manuals and a calculator are useful.

Proceed with install? [no] **yes**

Cool! Let's get to it. You will now initialize the disk(s) that OpenBSD will use. To enable all available security features you should configure the disk(s) to allow the creation of separate filesystems for /, /tmp, /var, /usr, and /home.

Available disks are: wd0.

Which one is the root disk? (or 'done') [wd0]

Do you want to use *all* of wd0 for OpenBSD? [no] **yes**

Putting all of wd0 into an active OpenBSD MBR partition (type 'A6')...done.

You will now create an OpenBSD disklabel inside the OpenBSD MBR partition. The disklabel defines how OpenBSD splits up the MBR partition into OpenBSD partitions in which filesystems and swap space are created. The offsets used in the disklabel are ABSOLUTE, i.e. relative to the start of the disk, NOT the start of the OpenBSD MBR partition.

Inside MBR partition 3: type A6 start 63 size 234436482

Treating sectors 63-8796117144656 as the OpenBSD portion of the disk.

You can use the 'b' command to change this.

Initial label editor (enter '?' for help at any prompt)

> **d ***

> **a a**

offset: [63]

size: [8796117144593] **5G** ← **NOTE This partition size may be increased to support a larger hard drive**

Rounding to cylinder: 10486161

FS type: [4.2BSD]

mount point: [none] /

> **a b**

offset: [10486224]

size: [8796106658432] **1.5G**

Rounding to cylinder: 3145968

FS type: [swap]

> **a d**

offset: [13632192]

size: [8796103512464] **1G** ← **NOTE This partition size may be increased to support a larger hard drive**

Rounding to cylinder: 2097648

FS type: [4.2BSD]

mount point: [none] **/tmp**

> **a e**

```
offset: [15729840]
size: [8796101414816] 5G
Rounding to cylinder: 10486224
FS type: [4.2BSD]
mount point: [none] /usr
> a f
offset: [26216064]
size: [8796090928592] 5G ← NOTE This partition size may be increased to support a larger hard drive
Rounding to cylinder: 10486224
FS type: [4.2BSD]
mount point: [none] /var
> a h
offset: [36702288]
size: [8796080442368] 5G ← NOTE This partition size may be increased to support a larger hard drive
Rounding to cylinder: 10486224
FS type: [4.2BSD]
mount point: [none] /home
> a i
offset: [47188512]
size: [8796069956144] 5G ← NOTE This partition size may be increased to support a larger hard drive
Rounding to cylinder: 10486224
FS type: [4.2BSD]
mount point: [none] /hold
> w
> q
No label changes.
Mount point for wd0d (1024 MBytes)? (or 'none' or 'done') [/tmp]
Mount point for wd0e (5120 MBytes)? (or 'none' or 'done') [/usr]
Mount point for wd0f (5120 MBytes)? (or 'none' or 'done') [/var]
Mount point for wd0h (5120 MBytes)? (or 'none' or 'done') [/home]
Mount point for wd0i (5120 MBytes)? (or 'none' or 'done') [/hold]
Mount point for wd0d (1024 MBytes)? (or 'none' or 'done') [/tmp] done
No more disks to initialize.
```

OpenBSD filesystems:

```
wd0a /
wd0d /tmp
wd0e /usr
wd0f /var
wd0h /home
wd0i /hold
```

The next step ***DESTROYS*** all existing data on these partitions! Are you really sure that you're ready to proceed? [no] **yes**

```
/dev/rwd0a: 5120.2MB in 10486160 sectors of 512 bytes
26 cylinder groups of 202.47MB, 12958 blocks, 25984 inodes each
/dev/rwd0d: 1024.2MB in 2097648 sectors of 512 bytes
6 cylinder groups of 202.47MB, 12958 blocks, 25984 inodes each
```

/dev/rwd0e: 5120.2MB in 10486224 sectors of 512 bytes
26 cylinder groups of 202.47MB, 12958 blocks, 25984 inodes each
/dev/rwd0f: 5120.2MB in 10486224 sectors of 512 bytes
26 cylinder groups of 202.47MB, 12958 blocks, 25984 inodes each
/dev/rwd0h: 5120.2MB in 10486224 sectors of 512 bytes
26 cylinder groups of 202.47MB, 12958 blocks, 25984 inodes each
/dev/rwd0i: 5120.2MB in 10486224 sectors of 512 bytes
26 cylinder groups of 202.47MB, 12958 blocks, 25984 inodes each
/dev/wd0a on /mnt type ffs (rw, asynchronous, local, ctime=Thu Jan 29 17:54:37 2009)
/dev/wd0i on /mnt/hold type ffs (rw, asynchronous, local, nodev, nosuid, ctime=Thu Jan 29 17:54:37 2009)
/dev/wd0h on /mnt/home type ffs (rw, asynchronous, local, nodev, nosuid, ctime=Thu Jan 29 17:54:37 2009)
/dev/wd0d on /mnt/tmp type ffs (rw, asynchronous, local, nodev, nosuid, ctime=Thu Jan 29 17:54:37 2009)
/dev/wd0e on /mnt/usr type ffs (rw, asynchronous, local, nodev, ctime=Thu Jan 29 17:54:37 2009)
/dev/wd0f on /mnt/var type ffs (rw, asynchronous, local, nodev, nosuid, ctime=Thu Jan 29 17:54:37 2009)

System hostname? (short form, e.g. 'foo') **(name your appliance here i.e. mail or mailer)**

Configure the network? [yes]

Available interfaces are: em0 em1. **←These interfaces may be different in your setup**

Which one do you wish to initialize? (or 'done') [em0]

Symbolic (host) name for em0? [noname]

The media options for em0 are currently

media: Ethernet autoselect (100baseTX full-duplex,rxpause,txpause)

Do you want to change the media options? [no]

IPv4 address for em0? (or 'none' or 'dhcp') [dhcp] **(The IP address of the appliance goes here, no DHCP!)**

Netmask? [255.255.255.0] **(the subnet mask for your network goes here i.e. 255.255.255.0)**

IPv6 address for em0? (or 'rtsol' or 'none') [none]

Available interfaces are: em1.

Which one do you wish to initialize? (or 'done') [em1] **←You may not have a 2nd interface in your setup**

Symbolic (host) name for em1? [noname]

The media options for em1 are currently

media: Ethernet autoselect (none)

Do you want to change the media options? [no]

IPv4 address for em1? (or 'none' or 'dhcp') [dhcp] **192.168.100.1 ← NOTE This setting is ONLY necessary if your appliance has two (or more) network interfaces**

Netmask? [255.255.255.0] **255.255.255.255**

IPv6 address for em1? (or 'rtsol' or 'none') [none]

No more interfaces to initialize.

DNS domain name? (e.g. 'bar.com') [my.domain] **(your domain name goes here i.e. yourname.com)**

DNS nameserver? (IP address or 'none') [none] **(your network DNS server IP address goes here)**

Use the nameserver now? [yes]

Default IPv4 route? (IPv4 address, 'dhcp' or 'none') **(your network default gateway goes here)**

add net default: gateway ...

Edit hosts with ed? [no]

Do you want to do any manual network configuration? [no]

Password for root account? (will not echo) **password ← NOTE Set to "password" (no quotes) initially, you may change this after this appliance has been built to any password of your choosing.**

Password for root account? (again) **password**

Let's install the sets!

Location of sets? (cd disk ftp http or 'done') [cd] **cd**

Which one contains the install media? (of 'done') [cd0]

Pathname to sets? (or 'done') [4.4/i386]

Select sets by entering a set name, a file name pattern or 'all'. De-select sets by prepending a '-' to the set name, file name pattern or 'all'. Selected sets are labelled '[X]'.
[X] bsd
[X] base44.tgz
[X] etc44.tgz
[] xbase44.tgz
[] xshare44.tgz
[] site44.tgz

Set name? (or 'done') [xbase44.tgz] **all**

[X] bsd
[X] base44.tgz
[X] etc44.tgz
[X] xbase44.tgz
[X] xshare44.tgz
[X] site44.tgz

Set name? (or 'done') [done] **done**

Ready to install sets? [yes]

Getting bsd ...

Getting base44.tgz ...

Getting etc44.tgz ...

Getting xbase44.tgz ...

Getting xshare44.tgz ...

Getting site44.tgz ...

Location of sets? (cd disk ftp http or 'done') [cd] **done**

Start sshd(8) by default? [yes]

Start ntpd(8) by default? [no] **yes**

NTP server? (hostname or 'default') [default]

Do you expect to run the X Window System? [no]

Change the default console to com0? [no]

Saving configuration files...done.

Generating initial host.random file...done.

What timezone are you in? ('?' for list) [US/Eastern]

Setting local timezone to 'US/Eastern'...done.

Making all device nodes...done.

Installing boot block...

boot: /mnt/boot

proto: /usr/mdec/biosboot

device: /dev/rwd0c

/usr/mdec/biosboot: entry point 0

proto bootblock size 512

/mnt/boot is 3 blocks x 16384 bytes
fs block shift 2; part offset 63; inode block 24, offset 1704
using MBR partition 3: type 166 (0xa6) offset 63 (0x3f)
done.

```
*****  
** The AutumnTECH Generation Four (GEN4) Setup Wizard is Finished **  
*****
```

Setup has completed! Ready to get started? Hit Enter now to reboot

The web-based manager “Webtivity” will be available for configuration after you reboot at the IP network address specified during installation.

Don’t forget to upgrade to the latest AutumnTECH firmware after installation, check your e-mail for your update username and password.

GOOD LUCK!

Step 3: List of Support Hardware

Build Your Own (BYO) AutumnTECH supported hardware includes:

Processors

All CPU chips compatible with the Intel 80486

architecture:

80486 (SX/DX/DX2/DX4, an FPU is required)

Intel Pentium/Pentium-MMX

Intel Pentium Pro/II/III/Celeron/Xeon

Intel Pentium IV

AMD 6x86

AMD K5/K6/K6-2/K6-3

AMD Athlon/Duron

Cyrix MediaGX/M1/M2

VIA Cyrix III

Rise mP6

IDT WinChip

NexGen 586

NS Geode GX1

Transmeta TMS3200, TMS5400, TMS5600

Everything that is a clone of the 486 or up should work fine.

Buses

All standard ISA, EISA, VLB, and PCI bus based machines, including among others:

Intel 450GX/KX based machines

Intel 450NX based machines

ServerWorks chipset-based machines

Both 16-bit PCMCIA Cards and newer 32-bit CardBus support

Universal Serial Bus (USB)

Inter IC (I2C) bus

The MCA bus found in various older IBM PS/2 machines is not supported.

Bus Interfaces

Standard PCI-PCI bridges, including PCI expansion

backplanes

YENTA-compatible PCI-CardBus bridges

Entropy Sources

Interrupt latency collection from many devices

Intel 82802 random number generator found on i810, i815,

i820, i840, i850, and i860 based systems.

Disk Controllers

Floppy controllers.

ISA MFM, ESDI, IDE, and RLL hard disk controllers.

PCI IDE and Serial ATA Controllers

Acard ATP850U, ATP860, ATP860-A, ATP865-A, ATP865-R

Acer Labs M5229

Adaptec AAR-1210SA

Advanced Micro Devices AMD-756, AMD-766, AMD-768, AMD-8111

ATI IXP 200, IXP 300, IXP 400, IXP 700

CMD Tech PCI0640, PCI0643, PCI0646, PCI0648, PCI0649, PCI0680

Contaq Microsystems/Cypress CY82C693

HighPoint HPT366, HPT370, HPT372, HPT302, HPT371, HPT374

(RAID mode is not supported)

Intel PIIX, PIIX3, and PIIX4

Intel 82801 (ICH/ICH0/ICH2/ICH3/ICH4/ICH4-M/ICH5/ICH5R/

ICH6/ICH6M/ICH6R/ICH7/ICH7M/ICH7R/ICH7M DH/ICH8/ICH8M/

ICH9/ICH9M)

Intel 6300ESB/6321ESB

ITE IT8211F/IT8212F (RAID mode is not supported)

JMicron JMB361/JMB363/JMB365/JMB366/JMB368

National Semiconductor PC87415

National Semiconductor SCx200 (found on SC1100 SoC)

NVIDIA nForce/nForce2/nForce2-400/nForce3/nForce3-250/nForce4/

MCP04/MCP51/MCP55/MCP61/MCP65/MCP67/MCP73/MCP77

Promise PDC20246, PDC20262, PDC20265, PDC20267, PDC20268,

PDC20268R, PDC20269, PDC20271, PDC20275, PDC20276, PDC20277,
PDC20318, PDC20319, PDC20371, PDC20375, PDC20376, PDC20377,
PDC20378, PDC20379, PDC20571, PDC20575, PDC20579, PDC20775,
PDC40518, PDC40718, PDC40719, PDC40779

ServerWorks OSB4, CSB5, CSB6 (including support for the third
channel)

Silicon Image SiI3112, SiI3512, SiI3114

Silicon Integrated System 180, 181, 5513 (5597/5598), 540,
550, 620, 630, 630S, 633, 635, 640, 645, 645DX, 648, 650,
651, 652, 661, 655, 658, 730, 733, 735, 740, 745, 746, 748,
750, 751, 752, 755, 760, 962, 963

VIA Technologies CX700, VT82C586/A/B, VT82C596A/B, VT82C686A/B,
VT8231, VT8366, VT8233, VT8235, VT8237, VT8237A/S, VT8251,
VT6410, VX700

SCSI Host Adapters

Adaptec AHA-1540, AHA-154xA, AHA-154xB, AHA-1542C,
AHA-1542CF, AHA-1542CP, AHA-1640 [B] [C]

Adaptec AHA-174x [B] [C]

Adaptec AIC-6260 and AIC-6360 based boards, including: [B] [C]
the Adaptec AHA-152x and the SoundBlaster SCSI host adapter.
(Note that you cannot boot from these boards if they do not
have a boot ROM; only the AHA-152x and motherboards using
this chip are likely to be bootable, consequently.)

Adaptec AIC-7770, AIC-7850, AIC-7860, AIC-7870, AIC-7880,
AIC-7890, AIC-7891, AIC-7892, AIC-7895, AIC-7896, AIC-7897

and AIC-7899 based host adapters [B] [C] including the

Adaptec cards

AHA-274X[W,T]

AHA-284X

AHA-2910, AHA-2915

AHA-2920

AHA-2930[C,U2]

AHA-2940[J,N,U,AU,UW,UW Dual,UW Pro,U2W,U2B]

AHA-2950[U2W,U2B]

AHA-3940[U,AU,UW,AUW,U2W]

AHA-3950U2

AHA-3960

AHA-3985

AHA-4944UW

AHA-19160B

AHA-29160[B,N]

AHA-39160

Adaptec AIC-7901, AIC-7901A, and AIC-7902 based host

adapters [A] [C] including the Adaptec cards

AHA-29320

AHA-39320

AdvanSys 'U', 'UW', 'U2W' and 'U160' PCI SCSI

controllers including the ABP940U[AW],

ASB3940U[AW]-00, ASB3940U2W-00 and ASB3950U160 [A] [B] [C]

AMD Am53c974 PCscsi-PCI SCSI controllers, including: [A] [B] [C]

Tekram DC-390

BusLogic BT-54x (Adaptec AHA-154x clones) [B] [C]

BusLogic 445, 74x, 9xx (but not the new "FlashPoint" series
of BusLogic SCSI adapters) [B] [C]

Initio INIC-940 and INIC-950 based PCI SCSI host
adapters, including: [A] [C]

Initio INI-9090U

Initio INI-9100U/UW

Iwill 2935UW

DTC Domex 3194U Plus

LSI Fusion-MPT (Symbios Logic/NCR) [A] [C]

53C1020/53C1020A/53C1030/53C1030T/53C1035

FC909/FC919/919X/FC929/FC929X/FC949/FC949E/FC949X

SAS1064/SAS1064E/SAS1068/SAS1068E

QLogic PCI SCSI controllers [A] [C]

Seagate/Future Domain ISA SCSI adapter cards, including: [B] [C]

ST01/02

Future Domain TMC-885

Future Domain TMC-950

Symbios Logic (NCR) 53C8xx, 53C1010, and 53C1510D-based
PCI SCSI host adapters (including generic/no name cards, old
ASUS cards, the DTC-3130 series, Diamond Fireport series,
etc.) [B] [C]

Tekram DC-300B and DC-320E (Adaptec AHA-154x clones) [B] [C]

Tekram DC-3x5U (DC-315U, DC-395U/UW/F) TRM-S1040 based

PCI SCSI host adapters [A] [C]

Ultrastor 14f, 24f, and 34f [A] [C]

WD-7000 SCSI host adapters [A] [B] [C]

RAID and Cache Controllers

3ware Escalade 3W-5x00, 3W-6x00, 3W-7x00 [A] [C]

Adaptec FSA-based RAID controllers, including: [*]

Adaptec AAC-2622, AAC-364, AAC-3642

Dell PERC 2/Si, PERC 2/QC, PERC 3/Si, PERC 3/Di,

PERC 3/QC

HP NetRAID-4M

American Megatrends Inc. MegaRAID PCI controllers in

"Mass Storage" mode, including: [A] [C]

ACER MegaRAID ROMB-2E

Apple Xserve G5 PCI Hardware RAID Card

Dell CERC-PATA, PERC 2/DC, PERC 2/SC, PERC 3/DC, PERC 3/DCL

PERC 3/QC, PERC 3/SC, PERC 4/DC, PERC 4/Di, PERC 4/SC,

PERC 4e/DC, PERC 4e/Di, PERC 4e/SC, PERC 4e/Si

FSC MegaRAID PCI Express ROMB

Hewlett-Packard 438, 466, T[567]

Intel RAID Controller SRCS16, SRCS28X, SRCU41L, SRCU42E,

SRCU42X, SROMBU42E, SRCZCRX

LSI Logic/AMI/Symbios MegaRAID, 523 SATA, i4 133 RAID,

ATA 133-2 Elite 1400/1600/1650,

Enterprise 1200/1300/1400/1500/1600,

Express 100/200/300/500, Series 418, SCSI 320-0/320-0X,

SCSI 320-1/320-1E/320-1LP/320-2/320-2E/320-2X/320-4X,

SATA 150-4, SATA 150-6, SATA 300-4X, SATA 300-8ELP,

SATA 300-8X, SATA 300-8XLP

NEC MegaRAID PCI Express ROMB

Compaq Smart ARRAY 2*, 3* and 4* adapters, including: [A] [C]

Compaq Integrated Array

Compaq IAES

Compaq IDA, IDA-2

Compaq RAID LC2

Compaq Smart Array 221, 3100ES, 3200, 4200,

4250ES, 431

Compaq SMART, SMART-2/E, SMART-2/P, SMART-2DH,

SMART-2SL

Compaq/HP Smart ARRAY 5* and 6* adapters

DPT SmartCache and SmartRaid III/IV PCI/EISA adapters [A] [C]

Intel (and formerly ICP-Vortex) GDT series [A] [C]

I2O (intelligent I/O) RAID controllers, including: [A] [C]

Adaptec SCSI RAID (ASR-2100S, ASR-2110S, ASR-3200S,

etc)

American Megatrends Inc. MegaRAID controllers

(in I2O mode)

and probably other vendors' controllers supporting

I2O, including Intel and Mylex (untested)

LSI Logic & Dell MegaRAID SAS controllers

Dell PERC 5/e, PERC 5/i, PERC 6/e, PERC 6/i

Intel RAID Controller SRCSAS18E, SRCSAS144E

LSI Logic MegaRAID SAS 8300XLP/8308ELP/8344ELP/8408E,

MegaRAID SAS 8480E/8888ELP/8880EM2

CD-ROM and DVD-ROM Drives

Mitsumi CD-ROM drives [*]

[Note: The Mitsumi driver device probe is known
to cause trouble with several devices!]

Most SCSI CD-ROM, CD-R, CD-RW, DVD and DVD-RW drives

Most ATAPI CD-ROM, CD-R, CD-RW, DVD and DVD-RW drives

Tape Drives

Most SCSI tape drives [C]

Most SCSI tape changers [G]

MDA, CGA, VGA, SVGA, and HGC Display Adapters. (Note that not

all of the display adapters OpenBSD/i386

are supported by X. See the XFree86 FAQ for more

information.)

Serial Ports

8250/16450-based ports

16550-based ports

ST16660-base ports

AST-style 4-port serial boards [G]

BOCA 8-port serial cards [*]

Cyclades Cyclom-{4, 8, 16}Y serial boards [G]

Cyclades-Z series multiport serial boards [G]

IBM PC-RT 4-port serial boards [*]

Addonics FlexPort 8S [*]

Parallel Ports

Any standard parallel port [G]

Communication Controllers

Universal Serial Bus host controllers, including:

USB Universal Host Controller [A] [B] [C]

USB Open Host Controller [A] [B] [C]

PCI `universal' communication cards, providing serial

and parallel ports, including: [G]

AT&T/Lucent Venus Modem (found on IBM 33L4618
card, Actiontec 56K, and others)

Avlab Low Profile PCI 4S Quartet (4 port serial)

Avlab PCI 2S (2 port serial)

Boca Research Turbo Serial 654 PCI (4 port serial)

Boca Research Turbo Serial 658 PCI (8 port serial)

Decision Computer Inc PCCOM PCI 2 Port (serial)

Decision Computer Inc PCCOM PCI 4 Port (serial)

Decision Computer Inc PCCOM PCI 8 Port (serial)

Digi International Digi Neo 4 (4 port serial)

Dolphin Peripherals 4014 (dual parallel) and
4035 (dual serial)

Exsys EX-41098 (4 port serial)

Koutech IOFLEX-2S (dual serial)

Kouwell Model-223 (2-port serial, 1 port parallel)

Lava Computers 2SP-PCI (parallel port)

Lava Computers 2SP-PCI and Quattro-PCI (dual serial)

Lava Computers Octopus-550

Lava LavaPort-650

Moxa Technologies Co., Ltd. PCI I/O Card 4S (4 port serial)

Moxa Technologies Co., Ltd. C104H/PCI (4 port serial)

Moxa Technologies Co., Ltd. CP104/PCI (4 port serial)

NEC PK-UG-X008 (serial)

NEC PK-UG-X001 K56flex PCI (modem)

NetMos 1P (1 port parallel)

NetMos 2S1P (2 port serial and 1 port parallel)

NetMos 4S (4 port serial)

Oxford OX16PCI952 (2 port serial, 1 port parallel)

Oxford OX16PCI954 (4 port serial, 1 port parallel)

SIIG Cyber 2P1S (dual parallel, single serial)
and 2S1P (dual serial, single parallel)

SIIG Cyber 4S (quad serial)

SIIG Cyber I/O (single parallel, single serial)

SIIG Cyber Parallel, Parallel Dual, Serial,
Serial Dual

SIIG Cyber 8S PCI 16C850

SUNIX 400x (1 port parallel)

SUNIX 401x (2 port parallel)

SUNIX 402x (1 port serial)

SUNIX 403x (2 port serial)

SUNIX 405x (4 port serial)

SUNIX 406x (8 port serial)

SUNIX 407x (2 port serial and 1 port parallel)

SUNIX 408x (2 port serial and 2 port parallel)

SUNIX 409x (4 port serial and 2 port parallel)

Syba Tech Ltd. PCI-4S2P-550-ECP (4 port serial, 2
port parallel)

US Robotics 3CP5609 PCI (modem)

VScom PCI 800 (8 port serial)

VScom PCI 011H (1 port parallel)

VScom PCI 100H (1 port serial)

VScom PCI 110H (1 port serial and 1 port parallel)

VScom PCI 200H (2 port serial)

VScom PCI 210H (2 port serial and 1 port parallel)

VScom PCI 400H (4 port serial)

VScom PCI 410H (4 port serial and 1 port parallel)

VScom PCI 800H (8 port serial)

VScom PCI 100L (1 port serial)

VScom PCI 200L (2 port serial)

VScom PCI 210L (2 port serial and 1 port parallel)

VScom PCI 400L (4 port serial)

VScom PCI 800L (8 port serial)

Ethernet Adapters

3Com 3c501 [A] [B] [C]

3Com 3c503 [B] [C]

3Com 3c505 [A] [B] [C]

3Com 3c507 [A] [B] [C]

3Com 3c509, 3c579, and 3c59x (disabling PnP on 3c509B is recommended)

3Com 3c515 [B] [C]

3Com 3c9xx Etherlink XL adapters, including:

3Com 3c900/3c900B PCI adapters

3Com 3c905/3c905B/3c905C PCI adapters

3Com 3c980/3c980C server adapters

3Com 3cSOHO adapter

3Com 3c900B-FL and 3c900B-FL/FX fiber optic adapters

3Com 3c555/3c556/3c556B MiniPCI adapters

Dell on-board 3c920

Dell Precision on-board 3c905B

Dell OptiPlex GX1 on-board 3c918

Dell Latitude laptop docking station embedded 3c905

NVIDIA nForce2 integrated 3Com 9201 (nForce2-ST, nForce2-GT)

3Com 3c990 3XP Typhoon/Sidewinder PCI adapters, including: [A]

[B] [C]

3C990-TX-95

3C990-TX-97

3C990-TX-SVR95

3C990-TX-SVR97

Adaptec "Starfire" AIC-6915 based PCI adapters, including: [G]

Adaptec Single32 ANA-69011

Adaptec Single64 ANA-62011 and ANA-62020

Adaptec Duo64 ANA-62022

Adaptec Quartet64 ANA-62044

ADMtek AL981 ("Comet") and AN983 ("Centaur-P") based PCI adapters, including:

Accton EN2242 MiniPCI

Linksys LNE100TX v4.x

Mototech ME316

ADMtek AN986-based USB adapters, including: [A] [B] [C]

3Com 3c460b

Abocom UFE1000

Abocom DSB650TX

Accton USB320-EC

Accton SpeedStream Ethernet

Admtek Pegasus, Pegasus II

AEI USB Fast Ethernet

Allied Telesyn AT-USB100

ATEN UC-110T

Belkin F5D5050

Billionton Systems USB100, USB100E, USB100LP, USBE100

Corega FEther USB-TX, USB-TXS

D-Link DSB-650, 650TX, 650TX-PNA

ELCON Systemtechnik Goldpfeil P-LAN

Elecom LD-USB/TX, LD-USBL/TX, LD-USB20

Elsa Microlink USB2Ethernet

GIGABYTE GN-BR402W

Hawking UF100

HP HN210E

I/O Data USB ETTX

Kingston KNU101TX

Laneed LD-USBL/TX

Linksys USB100TX, USB100H1, USB10T, USB10TA, USB10TX

Melco Inc. LUA-TX, LUA2-TX

Microsoft MN110

Mobility EasiDock Ethernet

Netgear FA101

Omnidirectional Control Technology USB TO Ethernet

Siemens SpeedStream USB

SmartBridges smartNIC 2

SMC 2202USB/ETH

SMC 2206USB/ETH

SOHOware NUB100, NUB110

ASIX Electronics AX88172/AX88178/AX88772 USB Ethernet adapters,

including: [A] [B]

ATEN UC210T

BAFO BF-320

Billionton Systems USB2AR

Buffalo(MELCO) LUA-U2-KTX

Corega FEther USB2-TX

D-Link DUB-E100

Good Way GWUSB2E

Hawking UF200

Intellinet USB 2.0 to Ethernet (rev A)

IO-Data ETG-US2

JVC MP-PRX1

Level One USB-0200

Linksys USB200M

Linksys USB1000

Logitech LAN-GTJ/U2

Netgear FA120

Nintendo Wii USB Lan Ethernet Adapter RVL-015

OQO model 01+ Ethernet

Sitecom LN-029

SMC 2209USB/ETH

SnapPort USB 2.0 LAN Adapter

ST Lab USB 2.0 Fast Ethernet

Surecom EP-1427X-2

System TALKS SGC-X2UL

TRENDnet TU2-ET100

Z-TEK ZK-R01-2

AMD LANCE and PCnet-based ISA Ethernet adapters, including: [B] [C]

Novell NE1500T

Novell NE2100

Kingston 21xx

AMD PCnet-based PCI Ethernet adapters, including: [B] [C]

BOCALANcard/PCI

AT&T StarLAN 10, EN100, and StarLAN Fiber

ASIX 88140A/88141 PCI Ethernet adapters, including:

CNet Pro110B

Alfa Inc. GFC2204

Broadcom BCM4401 [A] [B]

CATC USB-EL1210A-based USB adapters, including: [A] [B] [C]

Belkin F5U011/F5U111

CATC Netmate and Netmate II

SmartBridges SmartLink

Davicom DM9009, DM9100, DM9102, and DM9102A based PCI adapters,
including:

Jaton XpressNet

Davicom DM9601 based USB adapters, including: [A] [B] [C]

Corega FEther USB-TXC

HenTong WK-668

ShanTou ST268

DEC EtherWORKS III adapters, including: [G]

DEC DE203, DE204, DE205

Digital DC21x4x-based PCI Ethernet adapters, including:

Older SMC PCI EtherPower 10, 10/100 (models

8432, 9332, and 9334)

Older Linksys 10, 10/100 (newer models are supported by other drivers)

Znyx ZX3xx

Cogent EM100FX and EM440TX

Digital PCI DE435, EISA DE425, DE450, DE500

Asante 21140A

D-Link DFE-570TX Quad port

Digital DC2114x-based four port cards, including:

Adaptec ANA-6944A

Cogent EM400

Compex 400TX

CompuShack Goldline Quattro

Phobos P430TX

Znyx ZX346

Intel EtherExpress 16 [A] [B] [C]

Intel EtherExpress PRO/10 ISA [A] [B] [C]

Intel i8255x-based (except the i82556) PCI adapters, including:

Intel EtherExpress PRO/10+

Intel EtherExpress PRO/100, PRO/100B, and PRO/100+

Intel EtherExpress PRO/100+ "Management Adapter"

Intel EtherExpress PRO/100 Dual Port

Intel PRO/100 VE, PRO/100 VM, and PRO/100 S

Intel 21145-based PCI adapters

Kawasaki LSI KL5KUSB101B-based USB adapters, including: [A]

[B] [C]

3Com 3c19250

3Com 3c460 HomeConnect

AboCom Systems URE450 Ethernet

ADS Technologies USB-10T

Aox USB101

Asante USB to Ethernet

ATen DSB-650C

ATen UC10T

Corega USB-T

D-Link DSB-650C

Entegra NET-USB-E45

I/O Data USB-ET/T

Jaton USB XpressNet

Kawasaki USB101

Kingston Ethernet

Linksys USB10T

Mobility Ethernet

Netgear EA101

Peracom USB

Portgear Ethernet

Portsmith Express Ethernet

Psion Dacom Gold Port Ethernet

Shark Pocket Adapter

Silicom U2E

SMC 2102/2104USB

Lite-On PNIC/PNIC-II-based adapters, including:

Kingston KNE110TX

Linksys LNE100TX

Matrox Networks FastNIC 10/100

Netgear FA310TX

Macronix 98713/713A/715/715A/725/727/732-based adapters,
including:

Accton EN1217

Addtron AEF-320TX/AEF-330TX

CNet PRO120A/B

Complex RL-100TX

NDC Communications SOHOware SFA110A

SVEC PN102-TX Fast Ethernet card

Myson Technologies MTD803 3-in-1 Fast Ethernet adapters

National Semiconductor DP83815/DP83816-based PCI adapters,
including: [B] [C]

Netgear FA311

Netgear FA312

Netgear FA331

Novell NE1000, NE2000 [B] [C]

RealTek 8129, RealTek 8139 Ethernet adapters, including:

Accton MPX 5030/5038

Allied Telesyn AT2550

D-Link DFE530TX+, DFE538TX

Encore ENL832-TX-RENT 10/100 M PCI

Genius GF100TXR

KTX-9130TX 10/100 Fast Ethernet

Longshine LCS-8038TX-R

NDC NE100TX-E

Netgear FA311 v2

Netronix EA-1210 Net Ether 10/100

Nortel BayStack 21

OvisLink LEF-8129TX, LEF-8139TX

SMC EZ Card 10/100 PCI 1211-TX

RealTek RTL8150L based USB adapters, including: [A] [B] [C]

Abocom RTL8151

BAFO BF-310

Billionton USBKR-100

Compex UE202-B

GreenHouse GH-USB100B

GreenHouse GH-USB100B with HomePNA

Hawking Technology HUF11

Linksys USB100M

Longshine LCS-8138TX

Melco Inc. LUA-KTX

Micronet SP128AR

NetComm NP1010

OQO model 01 (10/100) Ethernet

Repotec RP-USB100-A

SMC 2208USB/ETH

TRENDnet TU-ET100C

Z-TEK ZK-R02

Zt USB10/100

ZyXEL Prestige

SiS 900 and SiS 7016-based PCI adapters, including: [B] [C]

Mototech ME313

NetSurf NS-KFE30D

SMC/WD 8003, 8013, and the SMC "Elite16" ISA boards [B] [C]

SMC/WD 8216 (the SMC "Elite16 Ultra" ISA boards) [B] [C]

(See special notice later in this document)

SMC 8416 EtherEZ PnP (with PnP mode off) [B] [C]

SMC 9432 (EtherPower II) EPIC 10/100 [C]

Sun Happy Meal PCI adapters, including: [G]

Fast Ethernet

Quad Fast Ethernet

Sundance ST201-based PCI adapters, including: [G]

D-Link DFE-550TX

Texas Instruments ThunderLAN PCI adapters, including: [C]

Compaq Netelligent PCI Adapters

Compaq NetFlex 3/P

Compaq Deskpro integrated adapter

Compaq Prosignia integrated adapter

Olicom OC2135, OC2183, OC2325, OC2326

Racore 8165 and 8148

TI ThunderLAN adapters

VIA Rhine/Rhinell/RhinellIII Ethernet adapters, including: [C]

Addtron AEF-360TX

Hawking PN102TX

D-Link DFE530TX

VMware VMXnet Virtual Interface Controller devices: [A] [B] [C]

VMware ESX Server 2.x

VMware GSX Server 2.5 and newer

VMware Server 1.0 and newer

VMware Workstation 4.5 and newer

Winbond W89C840F Ethernet adapters, including: [A] [B] [C]

TRENDnet TE100-PCIE

Compex RL100-ATX 10/100baseTX

Wireless Ethernet Adapters

ADMtek ADM8211 IEEE 802.11b CardBus adapters [A] [B] [C]

3Com OfficeConnect 3CRSHPW796

Blitz NetWave Point

D-Link DWL-650 Rev. L1

SMC 2635W (version 1 only)

TRENDnet TEW-221PC

ADMtek ADM8211 IEEE 802.11b PCI adapters [A] [B] [C]

Belkin F5D6001

D-Link DWL-520 Rev. C1

LanReady WP2000

Xterasys XN2511B

Aironet Communications 4500/4800 IEEE 802.11FH/b ISA PnP, PCI,
and PCMCIA adapters [A] [B] [C]

Aironet 4500/4800

Cisco 340/350

Atheros IEEE 802.11a/b/g CardBus adapters [A] [B]

3Com 3CRPAG175

Cisco AIR-CB21AG

D-Link DWL-A650

D-Link DWL-AB650

Elecom LD-WL54

Linksys WPC51AB

Netgear WAB501

Planet WL-3560

Proxim Skyline 4030

SMC SMC2735W

Sony PCWA-C500

Atheros IEEE 802.11a/b/g PCI adapters [A] [B]

D-Link DWL-A520

IBM 11ABG WL LAN Mini PCI

Proxim Skyline 4032

Senao NL-5354MP Mini PCI

Wistron CM9 Mini PCI

Atheros USB IEEE 802.11a/b/g USB adapters [G]

Compex WLU108AG

Compex WLU108G

D-Link DWL-G132

IODATA WN-G54/US

MELCO WLI-U2-KAMG54

Netgear WG111T

Netgear WG111U

Netgear WPN111

Olitec 000544

PLANET WDL-U357

Siemens Gigaset 108

SMC SMCWUSB-T-G

SMC SMCWUSB-T-G2

SparkLAN WL-785A

TP-Link TL-WN620G

TRENDware International TEW-444UB

TRENDware International TEW-504UB

Unex Technology UR054ag

ZyXEL XtremeMIMO M-202

Atmel AT76C50x IEEE 802.11b USB adapters [G]

3Com 3CRSHEW696

AboCom BWU613

Accton 2664W

Acer Peripherals AWL300

Acer Peripherals AWL400

Actiontec 802UAT1

Addtron AWU120

Aincomm AWU2000B

Askey Computer Voyager 1010

Askey Computer WLL013 (Intersil Radio)

Askey Computer WLL013 (RFMD Radio)

Atmel AT76C503 (Intersil Radio)

Atmel AT76C503 (RFMD Radio)

Atmel AT76C505 (RFMD Radio)

Atmel AT76C505 (RFMD 2958 Radio)

Atmel AT76C505A (RFMD 2958 Radio)

Atmel AT76C505AS (RFMD 2958 Radio)

Belkin F5D6050

Bluetake BW002

Compaq iPAQ h54xx/h55xx Internal WLAN

Conceptronic C11U

Conceptronic WL210

Corega WLAN USB Stick 11

Dick Smith Electronics CHUSB 611G

Dick Smith Electronics WL200U

Dick Smith Electronics WL240U

Dick Smith Electronics XH1153

D-Link DWL-120 rev E

Geowave GW-US11S

Gigabyte GN-WLBM101

Gigaset WLAN

Hewlett-Packard HN210W

Intel AP310 AnyPoint II

I/O DATA USB WN-B11

Lexar 2662W-AR

Linksys WUSB11 802.11b

Linksys WUSB11 802.11b v2.8

MSI WLAN

Netgear MA101

Netgear MA101 rev B

OQO model 01 WiFi

Ovislink AirLive WL-1120USB

OvisLink AirLive WL-1130USB

Planex Communications GW-US11S

Samsung SWL2100W

Siemens WLL013

SMC EZ Connect 11Mbps (SMC2662w)

SMC EZ Connect 11Mbps v2 (SMC2662wV2)

Tekram U-300C

TRENDnet TEW-229UB

W-Buddie WN210

Z-Com M4Y-750

Broadcom AirForce IEEE 802.11b/g CardBus adapters [G]

Buffalo WLI-CB-G54

Linksys WPC54G Ver 3

Linksys WPC54GS Ver 2

TRENDnet TEW-401PCplus

US Robotics 5411

Broadcom AirForce IEEE 802.11b/g PCI adapters [G]

Apple Airport Extreme BCM4306

Apple Airport Extreme BCM4318

ASUS WL-138g

Buffalo WLI-CB-G54

Compaq R4035 onboard

HP nx6125

Linksys WPC54G Ver 3

Linksys WPC54GS Ver 2

TRENDnet TEW-401PCplus

US Robotics 5411

Conexant/Intersil Prism GT Full-MAC IEEE 802.11a/b/g CardBus
adapters [G]

3COM 3CRWE154G72

some NETGEAR WG511 (those made in Taiwan, NOT in China)

SMC EZ Connect g 2.4GHz SMC2835W-v2

Soyo Aerialink

ZyXEL ZyAIR G-100

Conexant/Intersil Prism GT Full-MAC IEEE 802.11a/b/g PCI
adapters [G]

D-Link DWL-g650 A1

I-O Data WN-G54/CB

I4 Z-Com XG-600

I4 Z-Com XG-900

Intersil PRISM Indigo

Intersil PRISM Duette

PLANEX GW-DS54G

SMC EZ Connect g 2.4GHz SMC2802W

SMC 2802Wv2

Conexant/Intersil Prism GT SoftMAC IEEE 802.11b/g USB adapters

[A] [B] [C]

Belkin F5D7050 (version 1000)

Cohiba Proto Board

D-Link DWL-G120 Cohiba

FSC Connect2Air E-5400 USB D1700

Gigaset USB Adapter 54

Inventel UR045G

Netgear WG111v2

SMC EZ ConnectG SMC2862W-G

Sagem XG703A

Spinnaker DUT

Spinnaker Proto Board

Intel PRO/Wireless 2100 IEEE 802.11b PCI adapters [G]

Intel PRO/Wireless 2200BG/2225BG/2915ABG 802.11a/b/g PCI
adapters [G]

Intel PRO/Wireless 3945ABG IEEE 802.11a/b/g PCI adapters [G]

Intel Wireless WiFi Link 4965AGN IEEE 802.11a/b/g/Draft-N
adapters [G]

Marvell Libertas IEEE 802.11b/g CardBus adapters [G]

Netgear WG511v2

Tenda TWL541C

Marvell Libertas IEEE 802.11b/g PCI adapters [G]

Netgear WG311v3

Tenda TWL542P

Marvell Libertas IEEE 802.11b/g Compact Flash adapters (will be detected as PCMCIA adapters) [G]

Ambicom WL54CF

I-O DATA WN-G54/CF

Ralink Technology IEEE 802.11a/b/g CardBus adapters [A] [B]

A-Link WL54PC

Alfa AWPC036

Amigo AWI-914W

AMIT WL531C

ASUS WL-107G

Atlantis Land A02-PCM-W54

Belkin F5D7010 v2

Canyon CN-WF513

CC&C WL-2102

CNet CWC-854

Compex WL54G

Conceptronic C54RC

Corega CG-WLCB54GL

Digiconnect WL591C

Digitus DN-7001G-RA

E-Tech WGPC02
E-Tech WGPC03
Edimax EW-7108PCg
Eminent EM3036
Encore ENPWI-G-RLAM
Eusso UGL2454-01R
Fibreline WL-400X
Gigabyte GN-WMKG
Gigabyte GN-WM01GS
Gigabyte GN-WM01GM
Hawking HWC54GR
Hercules HWGPCMCIA-54
JAHT WN-4054P
KCORP LifeStyle KLS-611
LevelOne WPC-0301 v2
Micronet SP908GK V3
Minitar MN54GCB-R
MSI CB54G2
MSI MS-6835
Pro-Nets CB80211G
Repotec RP-WB7108
SATech SN-54C
Sitecom WL-112
SparkLAN WL-685R
Surecom EP-9428-g

Sweex LC500050

TekComm NE-9428-g

Tonze PW-6200C

Unex MR054g-R02

Zinwell ZWX-G160

Zonet ZEW1500

Ralink Technology IEEE 802.11a/b/g PCI adapters [B] [C]

A-Link WL54H

AirLive WN-5000PCI

Amigo AWI-922W Mini PCI

Amigo AWI-926W

AMIT WL531P

AOpen AOI-831

ASUS WL-130G

ASUS WL-130N

ASUS WIFI-G-AAY

Atlantis Land A02-PCI-W54

Belkin F5D7000 v3

Billionton MIWLGRL Mini PCI

Canyon CN-WF511

CNet CWP-854

Compex WLP54G

Conceptronic C54Ri

Digitus DN-7006G-RA

Dynalink WLG25PCI

E-Tech WGPI02

Edimax EW-7128g

Edimax EW-7628Ig

Edimax EW-7728In

Eminent EM3037

Encore ENLWI-G-RLAM

Eusso UGL2454-VPR

Fiberline WL-400P

Gigabyte GN-WIKG Mini PCI

Gigabyte GN-WI01GS Mini PCI

Gigabyte GN-WI02GM Mini PCI

Gigabyte GN-WPKG

Gigabyte GN-WP01GS

Gigabyte GN-WI02GM

Gigabyte GN-WP01GM

Hawking HWP54GR

Hercules HWGPCI-54

iNexQ CR054g-009 (R03)

JAHT WN-4054PCI

KCORP LifeStyle KLS-660

LevelOne WNC-0301 v2

Linksys WMP54G v4

Micronet SP906GK

Minitar MN54GPC-R

MSI MP54G2 Mini PCI

MSI MP6833 Mini PCI

MSI MS-6834

MSI PC54G2

OvisLink EVO-W54PCI

PheeNet HWL-PCIG/RA

Planex PCI-GW-DS300N

Pro-Nets PC80211G

Repotec RP-WP0854

SATech SN-54P

Signamax 065-1798

Sitecom WL-115

SparkLAN WL-660R

SparkLAN WMIR-215GN Mini PCI

Surecom EP-9321-g

Surecom EP-9321-g1

Sweex LC700030

TekComm NE-9321-g

Tonze PC-620C Mini PCI

Tonze PC-6200C

Unex CR054g-R02

Zinwell ZWX-G360 Mini PCI

Zinwell ZWX-G361

Zonet ZEW1600

Ralink Technology IEEE 802.11b/g USB adapters [A] [B] [C]

AMIT WL532U

ASUS WL-167g
Belkin F5D7050
Buffalo WLI-U2-KG54
Buffalo WLI-U2-KG54-AI
Buffalo WLI-U2-KG54-YB
CNet CWD-854
Compex WLU54G
Conceptronic C54RU
D-Link DWL-G122 (b1)
Dynamalink WLG25USB
E-Tech WGUS02
Eminent 3035
Gigabyte GN-WBKG
Hercules HWGUSB2-54
KCORP LifeStyle KLS-685
Linksys WUSB54G v4
Linksys WUSB54GP v4
MSI MS-6861
MSI MS-6865
MSI MS-6869
Nintendo Wi-Fi USB Connector
Nova Tech NV-902W
OvisLink Evo-W54USB
SerComm UB801R
SparkLAN WL-685R

Sphairon UB801R

Surecom EP-9001-g rev 3A

Sweex LC100060

Tonze UW-6200C

Zaapa ZNWUSB-54

Zinwell ZPlus-G250

Zinwell ZWX-G261

Zonet ZEW2500

Ralink Technology USB IEEE 802.11a/b/g USB adapters [A] [B] [C]

3Com Aolynk WUB320g

Abocom WUG2700

Airlink101 AWLL5025

ASUS WL-167g ver 2

Atlantis Land A02-UP1-W54

Belkin F5D7050 ver 3

Belkin F5D9050 ver 3

Belkin F5D9050C

Buffalo WLI-U2-SG54HP

Buffalo WLI-U2-G54HP

CNet CWD-854 ver F

Conceptronic C54RU ver 2

Corega CG-WLUSB2GL

Corega CG-WLUSB2GO

Corega CG-WLUSB2GPX

D-Link DWA-111

D-Link DWL-G122 rev C1

D-Link WUA-1340

Digitus DN-7003GR

Edimax EW-7318USG

Gigabyte GN-WB01GS

Gigabyte GN-WI05GS

Hawking HWUG1

Hawking HWU54DM

Hercules HWGUSB2-54-LB

Hercules HWGUSB2-54V2-AP

LevelOne WNC-0301USB v3

Linksys WUSB54G rev C

Linksys WUSB54GR

Planex GW-US54HP

Planex GW-US54Mini2

Planex GW-USMM

Senao NUB-3701

Sitecom WL-113 ver 2

Sitecom WL-172

Sweex LW053

TP-LINK TL-WN321G

Raytheon Raylink/WebGear Aviator IEEE 802.11FH PCMCIA adapters

[A] [B] [C]

Raytheon Raylink WLAN

WebGear Aviator 2.4

WebGear Aviator PRO

Realtek RTL8180L IEEE 802.11b CardBus adapters [A] [B] [C]

Allnet ALL0182

Belkin F5D6020 V3

Buffalo WLI-CB-B11

Corega CG-WLCB11V3

D-Link DWL-610

Edimax EW-7106

GigaFast WF721-AEX (R* serial)

Jensen AirLink 6011

Level-One WPC-0101

Linksys WPC11 v4

Netgear MA521

Ovislink AirLive WL-1120PCM

Planet WL-3553

Q-Tec 770WC

Q-Tec 775WC

Roper FreeLan 802.11b

SAFECOM SWLCR-1100

TRENDnet TEW-226PC

VCTnet PC-11B1

Winstron CB-200B

Zonet ZEW1000

TI ACX100/ACX111 IEEE 802.11a/b/g CardBus adapters [G]

D-Link DWL-650+

D-Link DWL-G630+

D-Link DWL-G650+

Ergenic ERG WL-003

Hamlet HNWP254

Linksys WPC54Gv2

Microcom Travelcard

Sceptre SC254W+

USR USR5410

ZyXEL G-160

TI ACX100/ACX111 IEEE 802.11a/b/g PCI adapters [G]

D-Link DWL-520+

D-Link DWL-G520+

Hawking HWP54G

Netgear WG311v2

Tornado/ADT 211g

USR USR5416

ZyXEL G-360 EE

WaveLAN/IEEE, PRISM 2-3, and Spectrum24 IEEE 802.11b Compact

Flash adapters (will be detected as PCMCIA adapters) [B]

AmbiCom WL1100C-CF

ASUS SpaceLink WL-110

Belkin F5D6060 (version 1 only)

Buffalo AirStation

D-Link DCF-660W

ELSA XI800

Linksys WCF12

Netgear MA701

Pretec Compact WLAN OC-WLBXX-A

Senao NL-2511CF

WaveLAN/IEEE, PRISM 2-3, and Spectrum24 IEEE 802.11b PCI

adapters [C]

3Com AirConnect 3CRWE777A

Addtron AWA-100

Belkin F5D6001 (version 1 only)

Corega CGWLPCIA11

D-Link DWL-520 (rev A and B only)

Intersil Mini PCI

Intersil ISL3872

Longshine 8301

NDC/Sohoware NCP130

Netgear MA311

Nortel E-mobility 211818-A

Samsung MagicLAN SWL-2210P

Senao NL-2511MP

Symbol LA4123

WaveLAN/IEEE, PRISM 2-3, and Spectrum24 IEEE 802.11b PCMCIA

adapters [B]

3Com AirConnect 3CRWE737A

Actiontec HWC01170

Adaptec AWN-8030

Addtron AWP-100

Agere ORINOCO

ARtem Onair

ASUS SpaceLink WL-100

Belkin F5D6020 (version 1 only)

Buffalo AirStation

Cabletron RoamAbout

Compaq Agency NC5004

Contec FLEXLAN/FX-DS110-PCC

Corega PCC-11

Corega PCCA-11

Corega PCCB-11

D-Link DWL-650 (rev A1-J3 only)

ELSA XI300

ELSA XI325

ELSA XI325H

EMTAC A2424i

Ericsson Wireless LAN CARD C11

Gemtek WL-311

Hawking Technology WE110P

I-O DATA WN-B11/PCM

Intel PRO/Wireless 2011

Intersil Prism II

Linksys Instant Wireless WPC11

Linksys Instant Wireless WPC11 2.5

Linksys Instant Wireless WPC11 3.0

Lucent WaveLAN

Microsoft MN520

NANOSPEED ROOT-RZ2000

NEC CMZ-RT-WP

Netgear MA401

Netgear MA401RA

Nokia C020 Wireless LAN

Nokia C110/C111 Wireless LAN

NTT-ME 11Mbps Wireless LAN

Planex GW-NS11H

Proxim Harmony

Proxim RangeLAN-DS

Samsung MagicLAN SWL-2000N

Siemens SpeedStream SS1021

SMC 2632 EZ Connect

Symbol Spectrum24

TDK LAK-CD011WL

US Robotics 2410

US Robotics 2445

WaveLAN/IEEE, PRISM 2-3, and Spectrum24 IEEE 802.11b USB

adapters [A] [B]

Acer Warplink USB-400

Actiontec HWU01170

AirVast WM168b

Ambit WLAN
Apacer Wireless Steno MB112
ASUS WL-140
Compaq W100
Corega WLUSB-11
Corega WLUSB-11 Key
D-Link DWL-120 (rev F)
D-Link DWL-122
I-O DATA WN-B11/USB
Intel PRO/Wireless 2011B
Intersil Prism 2X
JVC MP-XP7250
Linksys WUSB11 v3.0
Linksys WUSB12
Melco WLI-USB-KB11
Melco WLI-USB-KS11G
Melco WLI-USB-S11
Microsoft MN510
Netgear MA111 (version 1 only)
Pheenet WL-503IA
Planex GW-US11H
Siemens SpeedStream SS1022
Sitecom WL-022
Syntax USB-400
US Robotics 1120

ViewSonic Airsync

Z-Com XI-725/726

Z-Com XI-735

ZyXEL ZyAIR B-200

ZyDAS ZD1211/ZD1211B USB IEEE 802.11b/g USB adapters [G]

3COM 3CRUSB10075

Acer WLAN-G-US1

Airlink+ AWLL3025

Airlink 101 AWLL3026

AOpen 802.11g WL54

Asus A9T integrated wireless

Asus WL-159g

Belkin F5D7050 v.4000

Billion BiPAC 3011G

Buffalo WLI-U2-KG54L

CC&C WL-2203B

DrayTek Vigor 550

Edimax EW-7317UG

Edimax EW-7317LDG

Fiberline Networks WL-43OU

iNexQ UR055g

Linksys WUSB54G

Longshine LCS-8131G3

MSI US54SE

Philips SNU5600

Planet WL-U356
Planex GW-US54GD
Planex GW-US54GXS
Planex GW-US54GZL
Planex GW-US54Mini
Safecom SWMULZ-5400
Sagem XG 760A
Sagem XG 76NA
Sandberg Wireless G54 USB
Sitecom WL-113
SMC SMCWUSB-G
Sweex wireless USB 54 Mbps
Tekram/Siemens USB adapter
Telegent TG54USB
Trendnet TEW-424UB
Trendnet TEW-429UB
TwinMOS G240
US Robotics 5423
X-Micro XWL-11GUZX
Yakumo QuickWLAN USB
Zonet ZEW2501
ZyXEL G-202
ZyXEL ZyAIR G-220

Gigabit Ethernet Adapters

Agere/LSI ET1310 based adapters [A] [B] [C]

Alteon Tigon I/II PCI Gigabit Ethernet boards, including: [A]

[B] [C]

3Com 3c985 and 3c985B

Alteon ACEnic V (fiber and copper)

Digital EtherWORKS 1000SX

Farallon PN9000SX

Netgear GA620 and GA620T

SGI Tigon

Intel i82540, i82541, i82542, i82543, i82544, i82545, i82546,
i82547, i82571, i82572 and i82573 based adapters, including:

HP ProLiant NC310F PCI-X Gigabit NIC (SX Fiber)

HP ProLiant NC340T PCI-X Gigabit NIC

HP ProLiant NC360T PCI Express Dual Port Gigabit NIC

HP ProLiant NC6132 Upgrade Module (SX Fiber)

HP ProLiant NC6133 Upgrade Module (LX Fiber)

HP ProLiant NC6134 PCI Gigabit NIC (SX Fiber)

HP ProLiant NC6136 PCI Gigabit NIC (SX Fiber)

HP ProLiant NC6170 PCI-X Gigabit NIC (SX Fiber)

HP ProLiant NC7131 PCI Gigabit NIC

HP ProLiant NC7132 Upgrade Module

HP ProLiant NC7170 PCI-X Dual Port Gigabit NIC

HP ProLiant NC7170LP PCI-X Dual Port Gigabit NIC

Intel PRO/1000 Gigabit Server Adapter (SX Fiber)

(PWLA8490)

Intel PRO/1000F Gigabit Server Adapter (SX Fiber)

(PWLA8490SX)

Intel PRO/1000T Server Adapter (PWLA8490T)

Intel PRO/1000XT Server Adapter (PWLA8490XT)

Intel PRO/1000XS Server Adapter (SX Fiber) (PWLA8490XF)

Intel PRO/1000T Desktop Adapter (PWLA8390T)

Intel PRO/1000XTL Lo Profile PCI Server (PWLA8490XTL)

Intel PRO/1000MT Desktop Adapter (PWLA8390MT)

Intel PRO/1000MT Server Adapter (PWLA8490MT)

Intel PRO/1000MT Dual Port Server Adapter (PWLA8492MT)

Intel PRO/1000MF Server Adapter (SX Fiber) (PWLA8490MF)

Intel PRO/1000MF Dual Port Server Adapter (SX Fiber)

(PWLA8492MF)

Intel PRO/1000MF Server Adapter (LX Fiber) (PWLA8490LX)

Intel PRO/1000MT Quad PCI-X Adapter (PWLA8494MT)

Intel PRO/1000GT Quad PCI-X Adapter (PWLA8494GT)

Intel PRO/1000PT Desktop Adapter

Intel PRO/1000PT Server Adapter

Intel PRO/1000PT Dual Port Server Adapter

Intel PRO/1000PT Quad Port Server Adapter

Intel PRO/1000PF Server Adapter (SX Fiber)

Intel PRO/1000PF Dual Port Server Adapter (SX Fiber)

Marvell Yukon-2 based adapters, including: [A] [B] [C]

D-Link DGE-550SX

D-Link DGE-560SX

D-Link DGE-550T B1
D-Link DGE-560T
SysKonnnect SK-9E21
SysKonnnect SK-9E22
SysKonnnect SK-9E81
SysKonnnect SK-9E82
SysKonnnect SK-9E91
SysKonnnect SK-9E92
SysKonnnect SK-9S21
SysKonnnect SK-9S22
SysKonnnect SK-9S81
SysKonnnect SK-9S82
SysKonnnect SK-9S91
SysKonnnect SK-9S92
SysKonnnect SK-9E21D

National Semiconductor DP83280 and DP83281 based PCI
adapters, including: [A] [B] [C]

Addtron AEG320T

Asante FriendlyNet GigaNIX 1000TA and 1000TPC

D-Link DGE-500T

Linksys EG1032 and EG1064

Netgear GA622T

SMC EZ Card 1000

Surecom Technology EP-320G-TX

Level1 LXT1001 based adapters (untested), including: [*]

SMC TigerCard 1000

D-Link DGE-500SX

NVIDIA nForce MCP based adapters, including:

nForce/nForce 2/nForce 3/CK804/MCP04/MCP51/MCP55/MCP61/

MCP65/MCP67/MCP73/MCP77/MCP79

Broadcom BCM570x (Tigon3) based PCI adapters, including: [A] [C]

3Com 3c996-T

3Com 3c996-SX

3Com 3c996B-T

Dell PowerEdge 1750 integrated BCM5704C NIC

Dell PowerEdge 2550 integrated BCM5700 NIC

Dell PowerEdge 2650 integrated BCM5703 NIC

HP ProLiant NC320T PCI-E Gigabit NIC

HP ProLiant NC370F PCI-X Gigabit NIC

HP ProLiant NC370T PCI-X Gigabit NIC

HP ProLiant NC1020 PCI Gigabit NIC

HP ProLiant NC6770 PCI-X Gigabit NIC

HP ProLiant NC7760 embedded Gigabit NIC

HP ProLiant NC7770 PCI-X Gigabit NIC

HP ProLiant NC7771 PCI-X Gigabit NIC

HP ProLiant NC7780 embedded PCI-X Gigabit NIC

HP ProLiant NC7781 embedded PCI-X Gigabit NIC

HP ProLiant NC7782 embedded PCI-X Gigabit NIC

IBM ThinkPad T43/T43p integrated BCM5751M NIC

IBM xSeries 235 integrated BCM5703X NIC

IBM xSeries 305 integrated BCM5703X NIC

Netgear GA302T

SysKonnect SK-9D21

SysKonnect SK-9D41

Broadcom NetXtreme II based PCI-X/PCIe adapters,

including: [A] [B] [C]

Dell PowerEdge 1950 integrated BCM5708

Dell PowerEdge 2950 integrated BCM5708

Dell PowerEdge 2970 integrated BCM5708

HP NC370F PCI-X

HP NC370T PCI-X

HP NC373F PCI Express

HP NC373i PCI Express

HP NC380T PCI Express Dual Port

IBM xSeries 3550 integrated BCM5708

IBM xSeries 3650 integrated BCM5708

Realtek 8139C+/8169/816xS/811xS/8101E based PCI adapters, including:

Buffalo LGY-PCI-GT (8169S)

Compaq Evo N1015v Integrated Ethernet (8139C+)

Corega CG-LAPCIGT (8169S)

D-Link DGE-528T (8169S)

D-Link DGE-660TD (8196/8110SB)

Gigabyte 7N400 Pro2 Integrated Gigabit Ethernet (8110S)

LevelOne GNC-0105T (8169S)

Linksys EG1032v3 (8169S)

Netgear GA311 (8169S)

Netgear GA511 PC Card (8169)

PLANEX COMMUNICATIONS Inc. GN-1200TC (8169S)

Surecom EP-320G-TX1 (8169S)

US Robotics USR997902 (8169S)

TTTech MC322 (8139C+)

Xterasys XN-152 10/100/1000 NIC (8169)

Sundance/Tamarack TC9021 based PCI adapters, including: [G]

D-Link DGE-550T (10/100/1000baseTX)

Antares Microsystems Gigabit Ethernet board

SysKonnnect and Marvell based adapters, including:

[B] [C]

SysKonnnect SK-9821 (1000baseT)

SysKonnnect SK-9822 (dual 1000baseT)

SysKonnnect SK-9841 (1000baseLX)

SysKonnnect SK-9842 (dual 1000baseLX)

SysKonnnect SK-9843 (1000baseSX)

SysKonnnect SK-9844 (dual 1000baseSX)

SysKonnnect SK-9521 v2.0 (1000baseT 32-bit)

SysKonnnect SK-9821 v2.0 (1000baseT)

SysKonnnect SK-9843 v2.0 (1000baseSX)

3Com 3c940 (1000baseT)

D-Link DGE-530T (1000baseT)

Linksys EG1032v2 (1000baseT)

Linksys EG1064v2 (1000baseT)

SMC 9452TX (1000baseT)

VIA Networking VT6122 based PCI adapters, including:

ZyXEL GN650-T 64-bit PCI Gigabit Ethernet NIC (ZX1701)

ZyXEL GN670-T 32-bit PCI Gigabit Ethernet NIC (ZX1702)

10 Gigabit Ethernet Adapters

Intel 82597EX based PCI-X adapters, including:

Intel PRO/10GbE CX4 Server Adapter (PXLA8591CX4)

Intel PRO/10GbE LR Server Adapter (PXLA8591LR)

Intel PRO/10GbE SR Server Adapter (PXLA8591SR)

Sun 10 Gigabit Ethernet PCI-X Adapter (X5544A-4)

Neterion Xframe/Xframe II based adapters, including:

Hitachi PCI-X 10 Gigabit Ethernet Adapter

HP AB287A 10 Gigabit Ethernet Adapter

IBM 10GbE SR Server Adapter

IBM 10 Gb Ethernet-LR PCI-X 2.0 DDR Adapter

IBM 10 Gb Ethernet-SR PCI-X 2.0 DDR Adapter

Neterion/S2io Xframe

Neterion Xframe II

Neterion Xframe II Sun Fire

Neterion Xframe E

SGI 10 Gigabit Ethernet Network Adapter

Tehuti Networks adapters, including:

TN3017-S 10 GbE Single Port XAUI Server Controller

TN3017-D 10 GbE Dual Port XAUI Server Controller

TN7581-D 10 GbE Dual XFP Server Adapter

TN7585-D 10 GbE Dual CX4 Low Profile Server Adapter

TN7588-S 10 GbE Single 10GBASET Low Profile Server Adapter

TN7588-D 10 GbE Dual 10GBASET Low Profile Server Adapter

TN7589-S 10 GbE Single CX4 Low Profile Server Adapter

ATM Adapters

Efficient Networks EN-155 and Adaptec ANA-590X ATM

interfaces [*]

FDDI Adapters

Digital DEFEA EISA and PCI FDDI adapters [G]

Wan Adapters

SBE (formerly Lan Media Corporation) SSI (T1)/HSSI/DS1/DS3

WAN interfaces [G]

Sangoma Sangoma Technologies AFT T1/E1 WAN interfaces [G]

Cryptography Accelerators

Broadcom Bluesteelnet uBsec 5501, 5601, 5801, 5802, 5805,

5820, 5821, 5822, 5823 [G]

Hifn 6500-based boards [G]

Hifn 7751/7811/7951/7955/7956-based boards (hifn),

including: [G]

Soekris Engineering vpn1201, vpn1211, vpn1401, and vpn1411

GTGI PowerCrypt Encryption Accelerator

NetSec 7751

Hifn 7751 and 9751 reference boards

Invertex AEON

SafeNet SafeXcel 1141/1741 [G]

PC Cards (PCMCIA [B] and CardBus [B] [C])

ATA cards, including:

ATA/IDE card drives

ATA/IDE CD-ROM adapters

CF/ATA flash cards and disk drives

Ethernet adapters, including:

3Com EtherLink and EtherLink XL-based LAN PC

cards, including:

3Com 3c556, 3c562

3Com 3c574TX, 3c[CX]FE574BT

3Com 3c589, 3c589[BCDE]

3Com 3c575TX, 3c[CX]FE575[BC]T CardBus

3Com 3c[CX]FEM656, 3c[CX]FEM656[BC] CardBus

Intel/DEC 21443 "Tulip" clones, including:

ADMtex AN985 Centaur-C CardBus

IBM EtherJet 10/100 CardBus

SMC EZ CardBus 10/100

Xircom X3201 CardBus adapters, including

RealPort models

Intel i8255x-based, including:

Intel PRO/100 CardBus II

NE2000-based, including:

Accton EN2212, EN2216

Allied Telesis LA-PCM

AmbiCom AMB8002T

Arowana FE

Belkin F5D5020

Billionton Systems LNT-10TN

CNet NE2000

Compex Linkport ENET-B

Corega PCC-T, PCC-TD, EtherII PCC-T,

Corega FastEther PCC-T, FastEther PCC-TX

Corega FastEther PCC-TXD, FastEther PCC-TXF

D-Link DE-650, DE-660, DE-660+, DFE-670TXD

Dayna CommuniCard E

Digital DEPCM-XX

Dual NE2000

Edimax NE2000

Genius ME 3000II SE

Grey Cell GCS2000 Gold II

GVC NIC-2000p, NP0335

Hawking PN650TX

I-O DATA PCLA, PCLA/TE

IC-Card

Kingston KNE-PC2

Linksys PCMPC100, EC2T Combo, EthernetCard

Linksys Combo EthernetCard, Trust Combo EthernetCard

Linksys Etherfast 10/100

MACNICA ME1 for JEIDA

Melco LPC3-TX

National Semiconductor InfoMover

NDC Instant-Link

Netgear FA410TX, FA410TXC, FA411

Network Everywhere NP10T

New Media LiveWire 10/100

Planet SmartCom 2000

Planex FNW-3600-T, FNW-3700-T

Premax PE-200

RPTI EP-400, EP-401

Seiko Epson EN10B

SMC EZCard, 8041

Socket Communications LP-CF, LP-E

SVEC PN650TX, ComboCard, LANCard

Synergy S21810

Tamarack NE2000

Telecom Device TCD-HPC100

Wisecom T210CT, iPort

Xircom CFE-10

RealTek 81[23]9-based, including:

Accton MPX5030 CardBus

Corega FEther CB-TXD 10/100 Ethernet

D-Link DFE-690TXD

SMC 91Cxx-based, including:

Megahertz XJEM1144, CC10BT

SMC EtherEZ 8020BT

Xircom, including:

Xircom CreditCard CE2

PCMCIA controllers, including:

Intel i82365 and compatibles

SCSI host adapters, including:

Adaptec SlimSCSI APA-14[56]0

Serial ports, including:

Most modems, digital cellular modems, and serial
cards should work

Wireless Ethernet adapters:

See above

Universal Serial Bus (USB) Devices [A] [B] [C]

USB Audio [G]

USB Diamond Multimedia Rio MP3 players [G]

USB Ethernet adapters, see above [G]

USB Generic Human Interface Devices (catch-all) [G]

USB Handspring Visor [G]

USB Hubs

USB Keyboards

USB Mass Storage devices, i.e., USB floppy drives and

USB memory stick controllers

USB Mice [G]

USB Modems [G]

USB Printers [G]

USB Scanners [G]

USB-USB cables [G]

USB Y@p phone [*]

Pointing Devices [G]

"Logitech"-style bus mice

"Microsoft"-style bus mice

"PS/2"-style mice

Serial mice (uses serial port driver)

Sound Devices [G]

ALI M5461

AMD 768 and 8111 AC'97

AMD Geode LX series CS5536 integrated AC'97

ATI IXP series integrated AC'97

ATI SB450/SB600

C-Media CMI8[37]38

Cirrus Logic CrystalClear CS4280, CS4281

Ensoniq AudioPCI

ESS Tech ES188[78], ES888

ESS Solo-1 PCI AudioDrive

ESS Maestro 1, 2 and 2E and clones

ESS Maestro 3 and Allegro 1

Forte Media FM801 audio

Gravis Ultrasound and Ultrasound Max

HD Audio compliant devices

Intel i810/i820 and 440MX AC'97

Intel 82801FB/GB/HB audio

NeoMagic 256AV/ZX

NVIDIA nForce and nForce AC'97

NVIDIA MCP51/55/61/65

SiS 966/966L

SiS 7012 AC'97

SoundBlaster ISA cards and 100% compatibles

SoundBlaster PCI128

SoundBlaster Live! and PCI512 (EMU10k1)

Trident 4DWAVE-DX/NX and clones (SiS 7018, ALi M5451)

VIA Envy24

VIA VT82C686A, VT8233, VT8235, VT8237 SouthBridge

integrated AC'97 audio

VIA VT8237A/VT8251

Yamaha OPL3-SA3

Yamaha DS-XG

Yamaha and Roland ISA/ISA PnP MIDI UART

[The following drivers are not extensively tested:]

Personal Sound System

ProAudio Spectrum

S3 SonicVibes

Windows Sound System

Radio Receiver Devices

AIMS Lab Radiotrack FM radio

AIMS Lab Radiotrack II FM radio

Aztech/PackardBell FM radio

Brooktree 848/849/878/879-based TV tuner

D-Link DSB-R100 USB radio

Forte Media FM801 audio

SoundForte RadioLink SF16-FMR FM radio

SoundForte RadioLink SF16-FMR2 FM radio

Miscellaneous Devices

APM power management (on non-ACPI systems)

Brooktree 8[47][89] based frame grabber and TV tuner cards,

including: [G]

Animation Technologies FlyVideo

AOpen VA1000

Askey/Dynalink Magic TView

ATI TV-Wonder and Wonder/VE

AverMedia cards

Hauppauge Wincast TV and WinTV/PCI

IMS TV Turbo

Intel Smart Video Recorder III

I/O DATA GV-BCTV2/PCI

I/O DATA GV-BCTV3/PCI

KISS TV/FM PCI

Leadtek Winfast TV 2000

Leadtek Winfast TV 2000 XP

Miro PC TV

MMAC Osprey

NEC PK-UG-X017

STB TV PCI Television Tuner

Terratec TerraTVplus

Video Highway XTreme

VideoLogic Captivator PCI

Zoltrix TV and Genie TV/FM

Hardware monitoring sensors, including: [G]

AMD K8 embedded temperature sensor

Analog Devices AD7416, AD7417 and AD7418

Analog Devices ADM1021, ADM1023 and ADM1032

Analog Devices ADM1022 and ADM1028

Analog Devices ADM1024

Analog Devices ADM1025

Analog Devices ADM1026

Analog Devices ADM1027

Analog Devices ADM1030

Analog Devices ADM1031

Analog Devices ADM9240

Analog Devices ADT7460, ADT7465, ADT7475, ADT7476, ADT7477

Andigilog aSC7611

Andigilog aSC7621

Asus AS99127F

Asus ASB100

Dallas Semiconductor 1775

Dallas Semiconductor 1780

Fintek F71805

Genesys Logic GL518SM

Genesys Logic GL523SM

Global Mixed-mode Technology G781

Intel Core embedded temperature sensor

Intel Xeon embedded temperature sensor

ITE IT8705F, IT8712F, IT8716F, IT8718F and IT8726F

Maxim DS1617

Maxim DS1624, DS1631 and DS1721

Maxim MAX6642, MAX6657, MAX6658, MAX6659 and MAX6690

National Semiconductor LM75, LM77

National Semiconductor LM78, LM78-J, LM79

National Semiconductor LM81 and LM87

National Semiconductor LM85 and LM96000

National Semiconductor LM86, LM89, LM90, LM99 and LM99-1

National Semiconductor LM93

National Semiconductor PC87366 LPC Super I/O VLM and TMS

Philips LM75A

Philips NE1619

SMSC 47m192

SMSC EMC6D10x and SCH5017

SiS SiS950

Texas Instruments THMC50

ThinkPad Active Protection System accelerometer

VIA VT1211

VIA VT82C686A, VT8231

Winbond W83627HF, W83627THF, W83627DHG, W83627EHF, W83637HF

Winbond W83697HF, W83781D, W83782D, W83783S, W83791D, W83792D

Winbond W83793G

Winbond W83L784R, W83L785R and W83L785TS-L

Hardware watchdog timer support, including: [G]

AMD Elan SC520 System Controller

ICS PCI-WDT500/501 watchdog timer

Intel 6300ESB ICH

National Semiconductor Geode SC1100 IAOC

Quamcom PWDOG1

VIA VT1211

General Purpose Input/Output (GPIO) devices, including:

National Semiconductor PC87366 LPC Super I/O GPIO

National Semiconductor Geode SC1100 PCI-ISA bridge GPIO

AMD Elan SC520 System Controller PIO function

Meinberg Funkuhren radio clocks, including:

GPS170PCI 3.3V/5V 6-channel GPS receiver card

PCI32 5V DCF77 time signal station receiver card

PCI509 5V DCF77 time signal station receiver card

PCI511 3.3V/5V DCF77 time signal station receiver card

PEX511 PCI Express time signal station receiver card

USB5131 USB attached DCF77 radio clock

Many kinds of ISA Plug-and-Play cards

Nearly all SB-style audio cards

Nearly all joystick ports

Nearly all Yamaha-style audio cards

Many NE2000-style Ethernet cards

Most serial port or modem cards

NE2100 Ethernet cards