

CGA text RAM test	Passed
CGA graphics RAM test	Passed
EGA graphics RAM test	Passed
MCGA graphics RAM test	Passed
VGA graphics RAM test	Passed
Diskette drive Tests Pass 1 of 5	
Testing drive 0	
Diskette quick test	Failed
Drive not ready	
Fixed disk drive Tests Pass 1 of 5	
Testing Drive 0: 12.72G, 26684784 LBA sectors (h=255, c=1661, s=63) LBA	
Fixed disk quick test	Passed
Drive ready test	Passed
Controller test	Passed
Recalibrate test	Passed
Fixed disk drive Tests Pass 1 of 5	
Testing Drive 1: 16.06G, 33683328 LBA sectors (h=255, c=2096, s=63) LBA	
Fixed disk quick test	Passed
Drive ready test	Passed
Controller test	Passed
Recalibrate test	Passed
Serial port Tests Pass 1 of 5	
Serial Port COM1:	
Serial port quick test	Passed
Register test	Passed
IRQ level test	Passed
Port is using IRQ4	
Modem detection test	N/A
Modem not found	
Modem dial tone test	N/A
Serial port Tests Pass 1 of 5	
Serial Port COM2:	
Serial port quick test	Passed
Register test	Passed
IRQ level test	Passed
Port is using IRQ3	
Modem detection test	N/A
Modem not found	
Modem dial tone test	N/A
Parallel port Tests Pass 1 of 5	
Parallel Port LPT1:	
Parallel port quick test	Passed
Register test	Passed
Data read/write test	Passed
Wrap plug may not be attached	
Video/Monitor Tests Pass 1 of 5	
DAC tests	
Graphics 320x200x256 (mode 13H) test	Passed
Keyboard Tests Pass 1 of 5	
Keyboard quick test	Passed
Mouse Tests Pass 1 of 5	
Mouse quick test	Passed
Game port Tests Pass 1 of 5	

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CDROM drive Tests      Pass 1 of 5
  Testing drive 0, F:
    CDROM quick test           Failed
  Drive not ready
    Drive ready test           Skipped
  Drive not ready

CDROM drive Tests      Pass 1 of 5
  Testing drive 1, G:
    CDROM quick test           Failed
  Drive not ready
    Drive ready test           Skipped
  Drive not ready

Sound Tests           Pass 1 of 5
  Sound Blaster Pro DSP Version 3.1
    Sound card quick test       Passed
    Register test               Passed
    IRQ test                    Passed
      Using IRQ5
    DMA test                    Passed
      Using DMA1
    Direct DSP test             Passed
    DMA DSP test                Passed

Printer Tests         Pass 1 of 5
  Printer Port LPT1:
    Printer quick test          Passed

SCSI device Tests     Pass 1 of 5
  SCSI quick test              Passed
  SCSI adapter test           Passed
    Found 2 adapters
  SCSI device test
    Adapter 1, I.D. 1, LUN 0 - CD-ROM drive
                                Passed
                                Passed

Y2K Tests             Pass 1 of 5
  Y2K quick test               Passed

```

Note: The actual test log will show 4 repetitions of the above test results, labeling each as "pass 2 of 5", etc, for the full 5 passes, and will show which tests were successful and which failed. They are not being shown here for the sake of brevity.

Test Results Summary

Test Description	Passed	Failed	Skipped
CPU (Main system)			
CPU quick test	5		
CPU register test	5		
CPU functionality test	5		
CPU internal cache test			5
NPU register test	5		
NPU functionality test	5		
DMA channel 0 to 3 test	5		
DMA channel 4 to 7 test			5
Interrupts 0 to 7 test	5		
Interrupts 8 to 15 test	5		
Timer channel test	5		
RTC functionality test	5		

	RTC synchronicity test	5	
	RTC accuracy test	5	
	CMOS information test	5	
	CMOS RAM test	5	
	Extended CMOS RAM test		5
Memory			
	XMS memory tests		
	XMS quick test	5	
	EMS memory tests		
	EMS quick test	5	
	Video RAM tests		
	Video RAM quick test	5	
	CGA text RAM test	5	
	CGA graphics RAM test	5	
	EGA graphics RAM test	5	
	MCGA graphics RAM test	5	
	VGA graphics RAM test	5	
Diskette drive			
	Diskette quick test		5
Fixed disk drive			
	Fixed disk quick test	10	
	Drive ready test	10	
	Controller test	10	
	Recalibrate test	10	
Serial port			
	Serial port quick test	10	
	Register test	10	
	IRQ level test	10	
	Modem detection test		10
	Modem dial tone test		10
Parallel port			
	Parallel port quick test	5	
	Register test	5	
	Data read/write test	5	
Video/Monitor			
	DAC tests		
	Graphics 320x200x256 (mode 13H)	5	
Keyboard			
	Keyboard quick test	5	
Mouse			
	Mouse quick test	5	
CDROM drive			
	CDROM quick test		10
	Drive ready test		10
Sound			
	Sound card quick test	5	
	Register test	5	
	IRQ test	5	
	DMA test	5	
	Direct DSP test	5	
	DMA DSP test	5	
Printer			
	Printer quick test	5	
SCSI device			
	SCSI quick test	5	
	SCSI adapter test	5	
	SCSI device test	5	
Y2K			
	Y2K quick test	5	

Note: The following information is added to the log manually by visiting the configuration and benchmark menus, selecting the item to be tested, and when the display is stable, pressing F10, F, Enter, and A to add the information to the test log. Much more information is available than is shown below.

The value of this information in the log is that the computer builder and the technician know what was in the computer and how it was configured at the time it was delivered to the user, so it can be used to help verify the configuration if the user comes back to complain that the computer is not functioning properly.

System Configuration Report
Date 12/20/00

pcwiz inc
Main computer

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SYSTEM RATING -----
                Result   Poor   Fair   Good   Great   Wow!
CPU             Pentium II Celeron
Extended memory 63.0M                X
Video memory    16.0M                X
Total disk space 27.50G                X
Free disk space  2.72G                X
DOS Version      7.10                X
Windows version  4.00                X
CONFIGURATION DETAILS -----
  Computer type: AT Compatible
  BIOS Date: 04/22/1999
  BIOS Copyright: Copyright 1996-1999 Intel Corporation.
  Processor: 450MHz Pentium II Celeron, Protected mode
  CPUID: Family 6, Model 6, Step 5, vendor ID 'GenuineIntel'
  Supports MMX: Yes
  Coprocessor: (Built-in)
  Bus type: ISA, PCI
MEMORY -----
  Main memory: 636K Expanded memory: 65040K Extended memory: 64512K
  Available: 590.6K Available: 16384K Available: 64336K
OPERATING SYSTEM -----
  DOS version: 7.10
  Windows version: 4.00 Windows 98
  Installed in: C:\WINDOWS
PHYSICAL DRIVES -----
  Diskette 0: 1.44 MB (3.5)
  Fixed disk 0: 12.72G 255 heads, 1661 cylinders, 63 sectors
  Fixed disk 1: 16.05G 255 heads, 2096 cylinders, 63 sectors
  CDROM drives: 2 (F:, G:) MSCDEX version: 2.95
LOGICAL DRIVES -----
Drive Type Volume Name Total Space Free Space
C: Local (No Label) 12.71G 439.25M
D: Local ROBERT HURT 7.84G 890.20M
E: Local EXTENDED 6.82G 1.45G
F: Local Audio CD 127.88M 0K
VIDEO -----
  Primary: ATI SVGA, 16384K
  Copyright: (C) 1988-99, ATI Technologies Inc.
  VESA version: 2.0 OEM: ATI RAGE128
  Secondary: None
DEVICES -----
  Serial Ports: COM1: at 03F8 is a 16550 with FIFO buffers
                COM2: at 02F8 is a 16550 with FIFO buffers
  Parallel Ports: LPT1: at 0378
  Sound card: Sound Blaster Pro DSP Version 3.1

```

Keyboard: Enhanced

Mouse: 2 button PS/2 Mouse, driver version 8.30

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IRQ USAGE -----
Number  Status  Devices                               Seg. Ofs.  Points to
IRQ 0   Active  Timer output 0                       14E3:01C6 Free Memory
IRQ 1   Active  Keyboard                             053C:0028 Stacks
IRQ 2   Active  Cascade                              053C:003A Stacks
IRQ 3   ----   COM2:                                053C:0052 Stacks
IRQ 4   ----   COM1:                                053C:006A Stacks
IRQ 5   ----   Sound card                            053C:0082 Stacks
IRQ 6   Active  Diskette                              053C:009A Stacks
IRQ 7   ----   LPT1:                                0070:0465 IO (IRET)
IRQ 8   Active  Real Time Clock                       053C:0035 Stacks
IRQ 9   ----   Redirect Cascade                       F000:F771 System ROM
IRQ 10  ----   -----                               053C:00B2 Stacks
IRQ 11  ----   -----                               053C:00CA Stacks
IRQ 12  Active  Mouse                                 053C:00E2 Stacks
IRQ 13  Active  Co-Processor                          F000:97D8 System ROM
IRQ 14  Active  Fixed Disk                             053C:00FA Stacks
IRQ 15  Active  -----                               053C:0112 Stacks
```

```
DMA USAGE -----
Number  Devices
DMA 0
DMA 1  Sound card
DMA 2  Diskette
DMA 3
```

```
UPPER MEMORY USAGE -----
Start  End      Devices                               Size
0C0000 0CAFFF Video BIOS                           44K
0CB000 0CBFFF RAM                               4K
0CC000 0CCFFF Not used                             4K
0CD000 0CFFFF RAM                               12K
0D0000 0DFFFF Not used                             64K
0E0000 0E3FFF ROM BIOS (RAM)                   16K
0E4000 0EFFFF ROM BIOS                           48K
0F0000 0FFFFF System ROM                         64K
```

```
I/O PORT USAGE -----
Device Name          Start      End      Length
Available            0100      017F     0080
Fixed Disk           0180      01F7     0078
Available            01F8      01FF     0008
Game port adapter    0200      0207     0008
Available            0208      021F     0018
Sound card           0220      022F     0010
Available            0230      02F7     00C8
Serial port 2        02F8      02FF     0008
Available            0300      032F     0030
Unknown Device       0330      0337     0008
Available            0338      036F     0038
IDE secondary        0370      0377     0008
Parallel port 1      0378      037F     0008
Available            0380      0387     0008
Sound card           0388      038F     0008
Available            0390      03BF     0030
EGA, VGA adapter     03C0      03CF     0010
CGA adapter          03D0      03DF     0010
Available            03E0      03EF     0010
Diskette Adapter     03F0      03F7     0008
Serial port 1        03F8      03FF     0008
```

```
PCI DEVICES -----
Device Class          Vendor Name          Device Name          IRQ
Host bridge           Intel Corporation    82443BX Pentium II Brg None
PCI-to-PCI bridge     Intel Corporation    82443BX Pentium II AGP None
```


BIOS:12.72G, 26684784 LBA sectors (h=255, c=1661, s=63)(BIOS LBA)
 CMOS type 1:7.84G, 255 heads, 1024 cylinders, 63 sectors
 IDE info:(Not an IDE drive, or OS does not allow access to controller)
 Partition:12.72G, 26683902 LBA sectors (h=255, c=1024, s=63)

Partition Table From Master Boot Record -----
 --- Start --- End --- First Total
 Type Boot Head Cyl Sect Head Cyl Sect Sector Sectors Size
 FAT32 LBA Yes 1 0 1 254 1023 63 63 26683902 12.72G
 (none)
 (none)
 (none)
 Valid Partition Code (AA55H): AA55

```

0000 Jump instruction to boot code      3 Bytes EB 58 90
0003 System ID                          Byte
                                         0008 MSWIN4.1
000B Bytes per sector                    Word 0200
000D Sectors per cluster                 Byte 10
000E Reserved sectors at beginning      Word 0020
0010 Copies of FAT                       Byte 02
0011 Root directory entries             Word 0000
0013 Sectors on disk                     Word 0000
0015 Format ID                           Byte F8
      FFH = Double sided 40 cylinders 8 sectors
      FEH = Single sided 40 cylinders 8 sectors
      FDH = Double sided 40 cylinders 9 sectors
      FCH = Single sided 40 cylinders 9 sectors
      F9H = Double sided 80 cylinders 9 sectors
      F8H = Double sided 80 cylinders 15 sectors
      F8H = Fixed Disk
0016 Sectors per FAT                     Word 0000
0018 Sectors per cylinder                 Word 003F
001A Number of heads                     Word 00FF
001C Number of reserved sectors          DWord 0000003F
0020 Sectors on Disk                     DWord 01972867
0024 Sectors per FAT                     DWord 000032DF
0028 Unknown                             DWord 00000000
002C Unknown                             DWord 00000002
0030 Unknown                             DWord 0005FFFB
0034 Unknown                             DWord 00000000
0038 Unknown                             DWord 00000000
003C Unknown                             DWord 00000000
0040 Physical drive number                Byte 80
0041 Reserved (DOS 4.x)                   Byte 00
0042 Signature byte=29H                   Byte 29
0043 Volume serial number                 DWord 0DE90767
0047 Volume label                          Byte
                                         000B NO NAME
0052 File System Type                     Byte
                                         0008 FAT32
003E Boot Code                             Byte
                                         01C0
003E                                     00 00
0040 80 00 29 50 15 E9 0D 4E 4F 20 4E 41 4D 45 20 20
0050 20 20 46 41 54 33 32 20 20 20 FA 33 C9 8E D1 BC
0060 F8 7B 8E C1 BD 78 00 C5 76 00 1E 56 16 55 BF 22
0070 05 89 7E 00 89 4E 02 B1 0B FC F3 A4 8E D9 BD 00
0080 7C C6 45 FE 0F 8B 46 18 88 45 F9 38 4E 40 7D 25
0090 8B C1 99 BB 00 07 E8 97 00 72 1A 83 EB 3A 66 A1
00A0 1C 7C 66 3B 07 8A 57 FC 75 06 80 CA 02 88 56 02
00B0 80 C3 10 73 ED BF 02 00 83 7E 16 00 75 45 8B 46
00C0 1C 8B 56 1E B9 03 00 49 40 75 01 42 BB 00 7E E8

```

```

00D0 5F 00 73 26 B0 F8 4F 74 1D 8B 46 32 33 D2 B9 03
00E0 00 3B C8 77 1E 8B 76 0E 3B CE 73 17 2B F1 03 46
00F0 1C 13 56 1E EB D1 73 0B EB 27 83 7E 2A 00 77 03
0100 E9 FD 02 BE 7E 7D AC 98 03 F0 AC 84 C0 74 17 3C
0110 FF 74 09 B4 0E BB 07 00 CD 10 EB EE BE 81 7D EB
0120 E5 BE 7F 7D EB E0 98 CD 16 5E 1F 66 8F 04 CD 19
0130 41 56 66 6A 00 52 50 06 53 6A 01 6A 10 8B F4 60
0140 80 7E 02 0E 75 04 B4 42 EB 1D 91 92 33 D2 F7 76
0150 18 91 F7 76 18 42 87 CA F7 76 1A 8A F2 8A E8 C0
0160 CC 02 0A CC B8 01 02 8A 56 40 CD 13 61 8D 64 10
0170 5E 72 0A 40 75 01 42 03 5E 0B 49 75 B4 C3 03 18
0180 01 27 0D 0A 49 6E 76 61 6C 69 64 20 73 79 73 74
0190 65 6D 20 64 69 73 6B FF 0D 0A 44 69 73 6B 20 49
01A0 2F 4F 20 65 72 72 6F 72 FF 0D 0A 52 65 70 6C 61
01B0 63 65 20 74 68 65 20 64 69 73 6B 2C 20 61 6E 64
01C0 20 74 68 65 6E 20 70 72 65 73 73 20 61 6E 79 20
01D0 6B 65 79 0D 0A 00 00 00 49 4F 20 20 20 20 20 20
01E0 53 59 53 4D 53 44 4F 53 20 20 20 53 59 53 7E 01
01F0 00 57 49 4E 42 4F 4F 54 20 53 59 53 00 00
01FE Bootable sector code = 55AAH          Word AA55

```

DOS Overview

Date 12/20/00

```

DOS Version: 7.10          Size
  Buffers: 12, 0          0.5K
    Files: 40              2.3K
    FCBs: 4, 8            0.2K
  Drivers: 5              8.1K
Last drive: Z:            2.2K
  Stacks: 9, 256         3K

```

XMS Overview

Date 12/20/00

No copyright information found.

```

XMS Version: 3.00
Internal revision: 3.65
Driver entry point: 0213:00CF
High Memory Area: Currently used
  A20 Line: Enabled
Handles available: 43

```

Extended Memory: 64512K Free: 64336K

```

Computer type:AT Compatible (M=FCH, S=01H, R=00H)
  BIOS Date:04/22/1999
BIOS Copyright:Copyright 1996-1999 Intel Corporation.
  Extensions:PCI version 2.10
    Plug and Play version 1.0
    DMI Version 2.1
    Int 13H Extensions (large drive support) Version
  Bus type:ISA, PCI
PROCESSOR (Found in the CPU database by CPUID)-----
  Description:Intel Pentium II Celeron running at 450 MHz
  CPU mode:Single processor
Supports MMX:Yes

```

CPUID Opcode:Type 0, Family 6, Model 6, Step 5, vendor ID 'GenuineIntel'

Comments:PPGA

FPU:(Built-in)

Cache:(Reported by CPU)

L1 instruction TLB, 4K pages, 4-way set associative, 64 entry

L1 instruction TLB, 4K pages, 4-way set associative, 64 entry

L1 instruction TLB, 4M pages, 4-way set associative, 4 entry

128K L1 unified cache, 4-way set associative, 32 byte line size

L1 data TLB, 4M pages, 4-way set associative, 4 entry

64K External cache

Note: Windows is running. Cache information may be wrong.

MEMORY -----

	Base	Extended	EMS	XMS
Total:	636K	64512K	65040K	64512K
Available:	590.6K	None	16384K	64336K

DRIVES -----

Diskette 0: 1.44 MB (3.5)

Fixed disk 0: 12.72G, 255 heads, 1661 cylinders, 63 sectors, LBA

Fixed disk 1: 16.05G, 255 heads, 2096 cylinders, 63 sectors, LBA

CDROM drives: 2 (F:, G:) MSCDEX version:2.95

VIDEO -----

Primary:ATI SVGA, 16384K

Copyright:(C) 1988-99, ATI Technologies Inc.

VESA version:2.0 OEM:ATI RAGE128

Secondary:None

DEVICES -----

Serial Ports:COM1: at 03F8His a 16550 with FIFO buffers

COM2: at 02F8His a 16550 with FIFO buffers

Parallel Ports:LPT1: at 0378H

USB Ports:USB1: at 1001H

Sound card:Sound Blaster Pro DSP Version 3.1

Keyboard:Enhanced

Game Ports:4 at 0201

Mouse:2 button PS/2 Mouse, driver version 8.30

System Benchmark

Date 12/20/00

Processor	0	Relative XT Index	362.5
Standard AT (8 Mhz 80286)	3.4 Index	*	
This processor (Pentium II Celer	362.1 Index	*****	
Coprocessor	0	Relative XT Index	422.5
Standard AT (8 Mhz 80287)	3.0 Index	*	
This processor ((Built-in))	422.5 Index	*****	
Video	0	Kbytes/Second	3607.5
Graphics RAM speed	3607.2 KPS	*****	
Text RAM speed	811.8 KPS	*****	
BIOS display speed	134.9 KPS	*	
Fixed Disk 0	0	Milliseconds	0.30
BIOS cyl to cyl seek time	0.01 MS	*	
BIOS average seek time	0.01 MS	*	
BIOS read 16K blocks (3648 KPS)	0.27 MS	*****	
DOS read 16K blocks (1864968 KPS)	0.01 MS	*	
CDROM Drive 0, F:			
Drive not ready			