

FIC FW37T PCI/CNR SYSTEM BOARD BOARD LEVEL COMPATIBILITY TEST REPORT

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Supervisor	Tester

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Revision History



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1. Introduction

FIC's motherboards undergo a comprehensive suite of stringent software and hardware compatibility tests to ensure that they can not only run a complete range of operating systems and software packages, but that they can also be installed with a full selection of add-on cards and peripheral devices, such as SCSI and network adapters as well as HDDs, FDDs, CD-ROM Drives and Fax/Modems. A board is deemed to have passed the compatibility testing suite when it has met the following criteria:

- All application software available for IBM compatible products works properly.
- All common internal and external hardware available to the IBM AT-Bus and PCI compatible systems functions properly.
- All hardware and software can be installed according to the instructions provided to the user.
- All legal configurations (IRQ , I/O addresses, DMA levels) function properly.
- All applications have been tested with and without drivers provided on the support disk.
- All operating systems have been installed and tested with each processor, with and without the most critical mode selected by setup.



2. Mainboard Features

Model Name : FW37T PCB Rev 1.1
Product Name : Intel 810E chipset Based Mainboard
System BIOS : Award BIOS Version IBE41
PCI IDE : Internal PCI Master dual IDE
I/O(LPC) : ITE IT8712F-A

3. Mainboard CPU Supports

Intel:

Processors	Bus	Package	Status	Remark
Celeron 566MHz	66	FC-PGA	Pass	C-Step
Celeron 600MHz	66	FC-PGA	Pass	C-Step
Celeron 633MHz	66	FC-PGA	Pass	C-Step
Celeron 667MHz	66	FC-PGA	Pass	C-Step
Celeron 700MHz	66	FC-PGA	Pass	C-Step
Celeron 766MHz	66	FC-PGA	Pass	C/D-Step
Celeron 800MHz	100	FC-PGA	Pass	C-Step
Celeron 850MHz	100	FC-PGA	Pass	C/D-Step
Celeron 900MHz	100	FC-PGA	Pass	C/D-Step
Celeron 950MHz	100	FC-PGA	Pass	D-Step
Celeron 1GHz	100	FC-PGA	Pass	D-Step
Celeron 1.1GHz	100	FC-PGA	Pass	D-Step
Celeron 1.2GHz	100	FC-PGA	Pass	D-Step
Pentium III 550MHz (Coppermine)	100	FC-PGA	Pass	C-Step
Pentium III 600MHz (Coppermine)	100	FC-PGA	Pass	C-Step
Pentium III 600MHz (Coppermine)	133	FC-PGA	Pass	C-Step
Pentium III 667MHz (Coppermine)	133	FC-PGA	Pass	C-Step
Pentium III 700MHz (Coppermine)	100	FC-PGA	Pass	C-Step
Pentium III 733MHz (Coppermine)	133	FC-PGA	Pass	C-Step
Pentium III 750MHz (Coppermine)	100	FC-PGA	Pass	C-Step
Pentium III 800MHz (Coppermine)	133	FC-PGA	Pass	C-Step
Pentium III 850MHz (Coppermine)	100	FC-PGA	Pass	C/D-Step
Pentium III 866MHz (Coppermine)	133	FC-PGA	Pass	C-Step
Pentium III 933MHz (Coppermine)	133	FC-PGA	Pass	C-Step
Pentium III 1GHz (Coppermine)	100/133	FC-PGA	Pass	C/D-Step
Pentium III 1.1GHz (Coppermine)	100	FC-PGA	Pass	D-Step
Pentium III 1.13GHz (Coppermine)	133	FC-PGA	Pass	D-Step
Pentium III 1GHz (Tualatin)	133	FC-PGA	Pass	
Pentium III 1.13GHz (Tualatin)	133	FC-PGA	Pass	
Pentium III 1.2GHz (Tualatin)	133	FC-PGA	Pass	
Pentium III 1.26GHz (Tualatin)	133	FC-PGA	Pass	

VIA C3 :

Processors	Bus	Package	Status
VIA C3 750MHz (Samuel 2)	100	FPGA	Pass
VIA C3 800MHz (Ezra)	133	FPGA	Pass
VIA C3 866MHz (Ezra)	133	FPGA	Pass

4. System Specification for Hardware and Software Utilities

The mainboard hardware portion was configured as follows :

Item	Description
System Core Logic	Intel 810E chipset
System Memory	Maximum : 512MB SDRAM 168 pins single RAS and Double RAS DIMM RAM Module
System Slots	3 PCI / 1 CNR slots
System Audio	Intel 810 AC'97 Audio with Realtek ALC201A codec
LAN (Option)	Realtek RTL8100L 10/100 Fast Etherlink
IO Corelogic	ITE IT8712F-A Support Normal,EPP,ECP mode and IR interface
PCI IDE	Intel 810E ICH2 internal Bus Master PCI IDE.

4.1 Main Functionality :

Num.	M/B function	Result
1	ACPI Ready (under Win 98 SE/ME/2000/XP)	PASS
2	APM 1.2	PASS
3	Wake On LAN/Ring	PASS
4	RTC Alarm Function	PASS
5	CNR interface ready	PASS
6	Power On by Keyboard/PS2 mouse feature	PASS
7	Ultra ATA-33/66/100 Enhanced IDE Interface	PASS
8	Logo Genie	PASS
9	BIOS Easy Kit	PASS
10	USB Function	PASS
11	Year 2000 Compliance	PASS

4.2 Main Software Utilities :

Num.	M/B function	Version	Result
1	Intel ATA Storage driver for Win 9x/NT/ME/2000	6.20	PASS
2	Intel Chipset Software Install Utility	3.20.1008	PASS
3	Intel 810E AGP driver for Win 9x/ME/2000	6.4	PASS
4	Intel 810E AGP driver for Win XP	6.41	PASS
5	Realtek RTL8100L LAN driver for Win 9x/ME/2000	5.397.0823.2001	PASS
6	ALC201A AC'97 Audio codec driver	5.10.00.3640	PASS
7	Award BIOS Flash ROM Utilities	8.10	PASS

5. Jumper Function Verification

Description	Jumper Name	Default Option	Status
Power LED (Single color-3 pin)	3PWRLED	Open	Pass
Power LED (Single color-2 pin)	PW_LED	Open	Pass



Power LED (Dual color)	LED_G/LED_Y	Open	Pass
IDE LED Connector	HD_LED	Open	Pass
Reset Switch	RST	Open	Pass
Remote Power Switch	PW_SW	Open	Pass
Sleep Switch	SP_SW	Open	Pass
CPU FAN Connector	CPU_FAN	Open	Pass
Chassis FAN Connector	SYS_FAN	Open	Pass
Clear CMOS	SW1-1	Off	Pass
Clear Password	SW1-2	Off	Pass
IR interface	IRRX/IRTX	Open	Pass
Host Frequency Jumper	J1	1-3,2-4	Pass



6. Stability Test

6.1 CPU Over Clock Test:

System Configuration	
CPU : Intel Pentium III 1.0GHz (FSB133)	FDD : NEC FD1231T 1.44MB
Cache Memory : 256KB	Audio : Onboard Realtek ALC201A
Memory : Hynix PC-133 256MB X 2	LAN : Onboard Realtek 8100L
HDD (UDMA/100) : IBM DTLA-305020 20GB	Mouse : Microsoft PS/2 mouse
VGA : Onboard Intel 810E AGP	PowerSupply : Enlight SI-X145M3 ATX 145W
DVD-ROM : Afreedy DD4010E 10X DVD	O.S. Environment : Windows ME

NO.	Over clock level		Test Result				
	FSB	CPU ID	Cool boot	Install OS	S3	Winstone 2001	3D Mark2001
1	140MHz	1050MHz	Pass	Pass	Pass	37.5	538
2	144MHz	1080MHz	Pass	Pass	Pass	37.7	556

6.2 Full Loading Test: (1days)

System Configuration	
CPU : Intel Pentium III 1.13GHz	FDD : NEC FD1231T 1.44MB
Cache Memory : 256 K	Audio : Onboard Realtek ALC201A
Memory : KingSton PC-133 256MB x2	LAN : Onboard Realtek 8100L
HDD 1 : Seagate ST-340824A 40.8GB	Mouse : Microsoft PS/2 mouse
HDD2 : Maxtor 52049H4 20.4GB	PowerSupply : Delta DPS-145PB-111 145W SFX
DVD-ROM1 : Pioneer DVD-105S 16X DVD	O.S. Environment : Windows XP
DVD-ROM2 : SONY DDU1211 12X DVD	
VGA : Onboard Intel 810E AGP	

Test Result						
BIOS detect	Install OS	All driver install	PM	CC WS 2001	Stress burn in	DVD/VCD play
Pass	Pass	Pass	Pass	Pass	Pass	Pass

6.3 PCB Cool Boot Test: (12 hours)

System Configuration	
CPU : Intel Pentium III 1.13GHz	FDD : NEC FD1231T 1.44MB
Cache Memory : 256 K	PowerSupply : Delta DPS-145PB-111 145W
Memory : Micron PC-133 256MB x 2	
VGA : Onboard Intel 810E AGP	

Test Result	
Cool Boot (over 600 times)	Pass

**7. Field (Stress) Test: Dynamic Burn-in Tests**

Software Name	Duration	Result
CC Winstone 2001 Under WIN XP	12hr.	<i>Pass</i>
Test Configurations for Win XP	Intel Pentium III 1.26GHz Seagate ST-380021A UDMA/100 80GB HDD Micron 256MB PC-133 DRAM Memory. X 1 Onboard Intel 810E AGP	
CC Winstone 2001 Under WIN 2000	12hr.	<i>Pass</i>
Test Configurations for Windows 2000	Intel Pentium III 1.0GHz WD Caviar WD300 UDMA/100 30GB HDD Hynix 128MB PC-133 DRAM Memory. X 2 Onboard Intel 810E AGP	



8. Hardware Compatibility Test Suite

8.1 Memory

Test Configuration:

OS Ver ☒ Win XP Ver: 2002.

☒ Win 2000 Ver: 5.00.2195.

CPU Intel Pentium III 1.26GHz (Bus clock 133MHz) ☒ Intel

HDD IBM DTLA-307015 15GB IDE ☒UDMA/66 ☒UDMA/100

Channel: ☒PM ☒PS ☒SM ☒SS

VGA Intel 810E (GMCH) AGP VGA ☒PCI_Slot: ____, ☒Onboard AGP

CD-ROM Actima AD12H 12X DVD-ROM Channel: ☒PM ☒PS ☒SM ☒SS

Sound Realtek ALC201A ☒PCI_Slot: ____, ☒Onchip AC97

LAN Realtek RTL8100L ☒PCI_Slot: ____, ☒On board

Mouse Microsoft IntelliMouse PS/2 Mouse ☒COM ☒PS/2

The following SDRAM module test CC Winstone 2001/3D Mark 2001 under Windows XP/2000 with BIOS set up default value and set to the follow condition 1024 x 768 x 16bit colors, resolution refresh rate of 85Hz, small font.

SDRAM DIMM Module (PC133)

Vender	IC Part No.	ECC	Size	Side	Module No.
PQI	PQ3S168V75	No	128MB	S	DT133128MB-T00951
	PQ3S168V75	No	256MB	D	DT133256MB-T00951
KingMAX	KSV684T4A2A-06	No	128MB	S	MPJA83S-68KX3
	KSV884T4A1A-06	No	128MB	D	MPGA83S-883
	KSV684T4A1A-07	No	128MB	S	MPGA83S-683
	KSV684T4A2A-06	No	256MB	D	MPJB63S-68KX3
	K4S640832D-TC75	No	128MB	D	TS16MLS64V6W (SEC)
Transcend	K4S281632B-TC75	No	128MB	D	MS16MLS64V6C (SEC)
	K4S280832C-TC75	No	256MB	D	(SEC)
	W981208BH-75	No	256MB	D	(Winbond)
	K4S640832D-TC75	No	128MB	D	(SEC)
Buffalo	GM72V66841ET7K	No	64MB	S	VS133-64MB (Hyundai)
	5264805FTT75	No	64MB	S	VS133-64M (Hitachi)
	5264805FTT75	No	128MB	D	VS133-128M (Hitachi)
	W981208AH-75	No	128MB	S	VS133-128M (Winbond)
	GM72V66841ET7K	No	128MB	D	VS133-128M (Hyundai)
	K4S640832D-TC75	No	128MB	D	VS133-128M (SEC)
Hynix	HY57V64820HG T-K	No	128MB	D	HYM76V16635HGT8-K
	HY57V28820AT-K	No	128MB	S	HYM71V16635AT8-K
	HY57V28820AT-K	No	256MB	D	HYM71V32635AT8-K
	HY57V28820HCT-K	No	256MB	D	HYM71V32635HCT8-K
KingSton	W981208BH-75	No	256MB	D	KVR133X64C3/256(Winbond)
	0312804CT3A-75A	No	256MB	D	KVR-PC133/256 (IBM)
	V54C3128804VAT7	No	256MB	D	KVR133X64C3/256(Mosel)
	D45128841G5-A75-9JF	No	256MB	D	KVR133X64C3/256 (NEC)
	HYB39S64800BT-7.5	No	128MB	D	KVR-PC133/128 (Infineon)
Crucial	MT48LC16M8A2-7E	No	128MB	S	CT16M64S4D7E.8T (Micron)
	MT48LC16M8A2-7E	No	256MB	D	CT32M64S4D7E.16T (Micron)
	MT48LC16M8A2-7E	Yes	256MB	D	CT32M72S4D7E.18T (Micron)
Nanya	NT5SV32M8AT-7K	No	256MB	S	NT256S64V88A0G-7K

8.2 Add-on Cards

8.2.1 PCI Display Adapter Products

Test Configuration:

OS Ver ☒ Win ME Ver: 4.90.3000 .
CPU Intel Pentium III 1.0GHz ☒ Intel
Memory Crucial 128MB (Micron) Total: 256 MB ☐ PC100 ☒ PC133
HDD Seagate ST-320414A 20.4GB IDE ☐ UDMA/66 ☒ UDMA/100
Channel: ☒ PM ☐ PS ☐ SM ☐ SS
CD-ROM Pioneer DVD-116 16X DVD-ROM Channel: ☐ PM ☐ PS ☒ SM ☐ SS
Sound Realtek ALC201A ☐ PCI_Slot: ☒ Onchip AC97
Mouse Logitech MouseMan Mouse ☐ COM ☒ PS/2

The following PCI VGA cards test WinBench 99/3D Mark 2001 under Windows ME with their respective VGA drivers installed and set to the follow condition 1024 x 768 x 16bit colors, resolution refresh rate of 85Hz, small font.

Vendor	VGA Chip	Product Description
Creative	S3 Savage 4	3D Blaster Savage 4
Cardex	SiS 6326	Cardexpert 6326
3dfx	Voodoo 5-5500	3dfx Voodoo 5-5500 PCI
3dfx	Voodoo 3-3000	3dfx Voodoo 3-3000 PCI

8.2.2 SCSI Adapter Products

Test Configuration:

OS Ver ☒ Win ME Ver: 4.90.3000 .
☒ Win XP Ver: 2002 .
CPU Intel Pentium III 1.13GHz ☒ Intel
Memory Buffalo 128MB (Winbond) Total: 256 MB ☐ PC100 ☒ PC133
VGA Intel 810E (GMCH) AGP VGA ☐ PCI_Slot: ☒ Onboard AGP
HDD Seagate ST-318404W 18GB SCSI HDD ☒ Ultra 160 Wide ☐ Ultra Wide
CD-ROM Afreedy CD-2050S 50X SCSI ☒ Ultra SCSI ☐ Ultra Wide
Sound Realtek ALC201A ☐ PCI_Slot: ☒ Onchip AC97
Mouse Logitech MouseMan Mouse ☐ COM ☒ PS/2

The following PCI SCSI cards test WinStone 2001 under Windows ME/XP with their respective SCSI drivers installed and set to the follow condition 1024 x 768 x 16bit colors, resolution refresh rate of 85Hz, small font.

Vendor	Model Name	Product Description	Bus I/F
--------	------------	---------------------	---------

Adaptec	ASC-29160N	Adaptec ASC-29160N PCI SCSI card	PCI
	ASC-29160	Adaptec Ultra 160 PCI SCSI card 29160	PCI
	ASC-39160	Adaptec Ultra 160 PCI SCSI card 39160	PCI
Tekram	DC-390U/F/W	Tekram DC-390U/F/W PCI SCSI	PCI
	DC-390U2W	Tekram DC-390U2W PCI SCSI	PCI
	DC-390U3W	Tekram DC-390U3W PCI SCSI	PCI

8.2.3 PCI/CNR Modem Products

Test Configuration:

OS Ver ☒ Win XP Ver: 2002 .

CPU Intel Pentium III 1.13GHz ☒ Intel

Memory KingMax 128MB (KingMax)

Total: 256 MB ☐ PC100 ☒ PC133

VGA Intel 810E (GMCH) AGP VGA

~~PCI~~ Slot: ☒ Onboard AGP

HDD IBM DJNA-371350 13.5GB IDE

~~UDMA~~/66 ☒ UDMA/100

Channel: ☒ PM ~~PS~~ ~~SM~~ ~~SS~~

CD-ROM Hitachi GD-2500 6X IDE DVD

Channel: ~~PM~~ ~~PS~~ ☒ SM ~~SS~~

Sound Terratec DMX Xfire Soundsystem

☒ PCI Slot: 2 . ~~Onchip~~ AC97

LAN 3Com 3C905C-TX

☒ PCI Slot: 1 . ~~On board~~

Mouse Logitech MouseMan Mouse

~~COM~~ ☒ PS/2

The following CNR/PCI slot modem test includes connecting to the internet and download files under Windows XP with their respective modem drivers installed .

Vendor	Product Description	Bus I/F
CIS	PSL 56K data/Fax/RTAP Modem	PCI
Askey	1456VQH-R4 INT1 Modem	PCI
Castle Net	56KV.90 Modem Riser Card (MC810) Modem	CNR
TAICOM	56KV.90 Modem Riser Card (MC810) Modem	CNR
Well	56KV.90 Modem Riser Card (MC810) Modem	CNR

8.2.4 ATA/100 PCI RAID Products

Test Configuration:

OS Ver ☒ Win 2000 Ver: 5.00.2195

CPU Intel Pentium III 1.13GHz ☒ Intel



Memory KingSton 256MB (Mosel) **Total: 512 MB** ☐PC100 ☒PC133
VGA Intel 810E (GMCH) AGP VGA **☐PCI_Slot:___** ☒ Onboard AGP
HDD1 Maxtor 34098H4 40.9GB IDE **☐UDMA/66** ☒UDMA/100
HDD2 Seagate ST-320414A 20GB IDE **RAID Channel: ☒PM ☐PS ☐SM ☐SS**
CD-ROM LG DRD-8120B 12X IDE DVD **☐UDMA/66** ☒UDMA/100
Sound Realtek ALC201A **RAID Channel: ☐PM ☐PS ☒SM ☐SS**
LAN Realtek RTL8100L **Channel: ☒PM ☐PS ☐SM ☐SS**
Mouse Microsoft IntelliMouse PS/2 Mouse **☐PCI_Slot:___** ☒ Onchip AC97
☐PCI_Slot:___ ☒ On board
☐COM ☒PS/2

The following PCI RAID card test RAID 0/1 under Windows 2000 with their respective drivers installed.

Vendor	Product Description	Bus I/F
PROMISE	Fast TRAK100 ATA RAID Controller Card	PCI

8.2.5 PCI Audio Products

Test Configuration:

OS Ver ☒ Win ME Ver: 4.90.3000
CPU Intel Pentium III 933MHz ☒ Intel
Memory Transcend 128MB(SEC) **Total: 256 MB** ☐PC100 ☒PC133
VGA Intel 810E (GMCH) AGP VGA **☐PCI_Slot:___** ☒ Onboard AGP
HDD Maxtor 93073U6 30.7GB IDE **☒ATA/66** ☐ATA/100
CD-ROM Acer DVP1640P 16X IDE DVD **Channel: ☒PM ☐PS ☐SM ☐SS**
Mouse Microsoft IntelliMouse PS/2 Mouse **Channel: ☐PM ☐PS ☒SM ☐SS**
☐COM ☒PS/2

The following PCI sound cards test play WAV/MIDI/CD audio and DVD under Windows ME with their respective sound drivers installed .

Vendor	Model Name	Product Description
Creative	CT-4810	VIBRA 128 (CT2518-DBQ)
	CT-4790	Sound Blaster PCI512 Digital
	CT-4860	Sound Blaster Live! Platinum
FIC	ESS Canyon 3D	Hi-Five PCI Sound Card
Everdata	YAMAHA 754	Orpheua Digital PCI Sound Card
Terratec	Crystal CS4624-CQ	DMX Xfire Soundsystem PCI

8.3 Storage

8.3.1 SCSI Peripheral Products

Test Configuration:

OS Ver ☒ Win XP Ver: 2002
☒ Win 2000 Ver: 5.00.2195
CPU Intel Pentium III 800MHz ☒ Intel

Memory KingMAX 128MB (KSV884T4A1A-08A) **Total: 128 MB** ☐PC100 ☒PC133
VGA Intel 810E (GMCH) AGP VGA ☐PCI_Slot: ____, ☒ Onboard AGP
SCSI Tekram DC-390U3W Ultra160 ☒PCI_Solt: 2.
Sound Realtek ALC201A ☐PCI_Slot: ____, ☒ Onchip AC97
LAN Realtek RTL8100L ☐PCI_Slot: ____, ☒ On board
Mouse Logitech First Mouse+ Mouse ☐COM ☒PS/2

The following SCSI devices test HCT Stress and WinStone 99 under Windows 98/NT with their respective SCSI drivers installed and set to the follow condition 1024 x 768 x 16bit colors, resolution refresh rate of 85Hz, small font.

ITEM	Vendor	Model Name	Product Description
Hard Disk	IBM	COMP IEC-950	Ultra2 Wide 9.1GB
		COMP IEC-950	Ultra2 Wide 36GB
		DDRS-39130	UltraII SCSI HDD 9.1GB
		DDYS-T36950	Ultra2 Wide 36.7GB
	Seagate	ST-39173W	Barracuda 9LP Ultra Wide 9.1GB
		ST39236LW	Barracuda Ultra160 Wide 9GB
		ST318436LW	Barracuda Ultra160 Wide 18GB
		ST39204LW	Cheetah Ultra160 Wide 9GB
		ST318404LW	Cheetah Ultra160 Wide 18GB
	Quantum	Fireball SE	Ultra SCSI HDD 8.4GB
Atlas III		Ultra2 SCSI HDD 9.1GB	
Atlas V		Ultra Wide 18GB	
CD-ROM	Plextor	PX-40Tsi	Ultra SCSI CD-ROM 40X
	SONY	CDU-625	SCSI-II CD-ROM 24X
	TEAC	CD-523S	Ultra SCSI CD-ROM 32X
	Toshiba	XM-6210B	Ultra SCSI CD-ROM 32X
	Panasonic	CR-508	SCSI-II CD-ROM 24X
	Afreey	CD-2050S	Ultra SCSI CD-ROM 50X
	TEAC	CDR 56S	(24R6W) CD-RW 24X
	Nichimen	CDR-BP3N	(32R12W10RW) CD-RW 32X
	Plextor	PX-W124Tsi	(12W/4RW/32R) CD-RW 32X

8.3.2 IDE Fixed Disk Drive Products

Test Configuration:

OS Ver ☒ Win XP Ver: 2002.
CPU Intel Pentium III 1.13GHz ☒Intel
Memory Crucial 256MB (Micron) **Total: 512 MB** ☐PC100 ☒PC133
CD-ROM Panasonic SR-8587-B 16X IDE DVD **Channel: ☐PM ☐PS ☒SM ☐SS**
VGA Intel 810E (GMCH) AGP VGA ☐PCI_Slot: ____, ☒ Onboard AGP



Sound Realtek ALC201A

PCI Slot: __, ☒ Onchip AC97

LAN Realtek RTL8100L

PCI Slot: __, ☒ On board

Mouse Logitech First Mouse+ Mouse

COM ☒ PS/2

The following IDE devices test WinStone 2001/Winbench 99/3D Mark 2001 under Windows XP with Intel ATA Storage drivers installed and set to the follow condition 1024 x 768 x 16bit colors, resolution refresh rate of 85Hz, small font.

Vendor	Model Name	Mode	Capacity
IBM	DTLA-307015	Ultra DMA 100	15.3GB
	DTLA-305020	Ultra DMA 100	20.5GB
	DTLA-307020	Ultra DMA 100	20.5GB
	DTLA-307030	Ultra DMA 100	30.7GB
	IC35L040AVER07-0	Ultra DMA 100	40GB
	DTLA-307045	Ultra DMA 100	46.1GB
	DTLA-307060	Ultra DMA 100	61.4GB
	IC35L060A	Ultra DMA 100	61.5GB
	DTLA-307075	Ultra DMA 100	76.8GB
Maxtor	51536H2	Ultra DMA 100	15.3GB
	52049H4	Ultra DMA 100	20.4GB
	53073H6	Ultra DMA 100	30.6GB
	34098H4	Ultra DMA 100	40.9GB
	54098H8	Ultra DMA 100	40.9GB
	4K040H2	Ultra DMA 100	40GB
	5T060H6	Ultra DMA 100	61GB
	98196H8	Ultra DMA 100	80GB
	4K080H4	Ultra DMA 100	80GB
	4W100H6	Ultra DMA 100	100GB
Seagate	ST320414A	Ultra DMA 100	20GB
	ST330631A	Ultra DMA 100	30.6GB
	ST340016A	Ultra DMA 100	40GB
	ST340810A	Ultra DMA 100	40GB
	ST340824A	Ultra DMA 100	40GB
	ST380020A	Ultra DMA 100	80GB
	ST380021A	Ultra DMA 100	80GB
WD	Caviar WD400	Ultra DMA 100	40GB
	Caviar WD600	Ultra DMA 100	60GB
	Caviar WD800	Ultra DMA 100	80GB
	Caviar WD1000	Ultra DMA 100	100GB
Samsung	SV3063H	Ultra DMA 100	30.6GB
	SV4084H	Ultra DMA 100	40.8GB

8.3.3 ATAPI CD-ROM /DVD-ROM Device Product

Test Configuration:

OS Ver ☒ Win ME Ver: 4.90.3000CPU Intel Pentium III 1.13GHz ☒ Intel

Memory Crucial 256MB (Micron)

Total: 512 MB PCI100 ☒ PC133

HDD Maxtor 52049H4 20GB IDE

UDMA/66 ☒ UDMA/100Channel: ☒ PM ☒ PS ☒ SM ☒ SS

VGA Intel 810E (GMCH) AGP VGA

PCI Slot: __, ☒ Onboard AGP

Sound Realtek ALC201A

PCI Slot: __, ☒ Onchip AC97

LAN Realtek RTL8100L

YPCI_Slot: __, ☒ On board

Mouse Logitech First Mouse+ Mouse

YCOM ☒ PS/2

The following IDE devices test CD-ROM boot from Win 2000 and play VCD/DVD over night under Windows ME with Intel ATA Storage drivers installed and set to the follow condition 1024 x 768 x 16bit colors, resolution refresh rate of 85Hz, small font.

8.3.3.1 ATAPI CD-ROM:

Vendor	Model Name	Product Description
Acer	650P	ATAPI CD-ROM 50X UDMA2
AOpen	CD-952E/AKH	ATAPI CD-ROM 52X UDMA2
LITE-ON	LTN-485S	ATAPI CD-ROM 48X UDMA2
SONY	CDU-4811	ATAPI CD-ROM 48X UDMA2
ASUS	CD-S500/A	ATAPI CD-ROM 50X UDMA2
BTC	BCD 48SB	ATAPI CD-ROM 48X UDMA2
LG	CRD-8522B	ATAPI CD-ROM 52X Mode4

8.3.3.2 ATAPI DVD-ROM:

Vendor	Model Name	Product Description
ASUS	DVD-E612	ATAPI DVD-ROM 12X
	DVD-E616	ATAPI DVD-ROM 16X
SONY	DDU1211	ATAPI DVD-ROM 12X
	DDU1621	ATAPI DVD-ROM 16X
Pioneer	DVD-105S	ATAPI DVD-ROM 16X
	DVD-116	ATAPI DVD-ROM 16X (UDMA66)
NEC	DV-5700B	ATAPI DVD-ROM 12X (UDMA33)
	DV-5800A	ATAPI DVD-ROM 16X (UDMA33)
Panasonic	SR-8587-B	ATAPI DVD-ROM 16X
	LF-D211V	4.7GB DVD-RAM
Acer	DVP1640A	ATAPI DVD-ROM 16X
Creative	DVD1242E	ATAPI DVD-ROM 12X
LG	DRD-8120B	ATAPI DVD-ROM 12X
LITE-ON	LTD-163	ATAPI DVD-ROM 16X
Actima	AD10S	ATAPI DVD-ROM 10X
	AD12H	ATAPI DVD-ROM 12X



8.4 Peripherals

8.4.1 Parallel/Serial Port Products (Including IR)

Test Configuration:

OS Ver ☒ Win ME Ver: 4.90.3000.CPU Intel Celeron 766MHz ☒ Intel

Memory KingSton 256MB (NEC)

Total: 512 MB ☐ PC100 ☒ PC133

HDD IBM DTLA-305020 20GB IDE

☐ UDMA/66 ☒ UDMA/100Channel: ☒ PM ☐ PS ☐ SM ☐ SS

CD-ROM BTC BCD 48SB 48X IDE

Channel: ☐ PM ☐ PS ☒ SM ☐ SS

VGA Intel 810E (GMCH) AGP VGA

☐ PCI_Slot: ___. ☒ Onboard AGP

Sound Realtek ALC201A

☐ PCI_Slot: ___. ☒ Onchip AC97

Mouse Logitech TrackMan Marble Mouse

☐ COM ☒ PS/2

The following Parallel/Serial devices be tested under Windows 95/98 with Intel ATA Storage drivers installed.

Vendor	Product Description	Bus I/F
Universal Cable	DirectParallel universal cable	LPT
IOMEGA	Parallel ZIP 250	LPT
Mustek	Plug-N-Scan 1200CP EPP Scanner	LPT
HP	LaserJet 6P	LPT/IR
	DeskJet 840c	LPT
	DeskJet 990cxi	LPT
	DeskJet 1220c	LPT
EPSON	Stylus Color 740	LPT
	Stylus Color 900	LPT
WACOM	Intuos Graphics Tablet Modem	COM
ELSA	MicroLink 56K Internet Modem	COM
Logitech	WingMan Formula Force joystick	COM
Kodak	DC210 InfraRed/Serial port Digital camera	COM/IR
ACTisys	ACT-IR210L Receiver/Transceiver	IR
IRwave	IRwave320F Receiver/Transceiver	IR

8.4.2 Mouse Products

Test Configuration:

OS Ver ☒ Win XP Ver: 2002.CPU Intel Pentium 1.13GHz ☒ Intel

Memory KingMax 128MB (KingMax)

Total: 256 MB ☐ PC100 ☒ PC133

HDD Maxtor 4K080H4 80GB IDE

☐ UDMA/66 ☒ UDMA/100Channel: ☒ PM ☐ PS ☐ SM ☐ SS

CD-ROM LG DRD-8120B 12X DVD-ROM

Channel: ☐ PM ☐ PS ☒ SM ☐ SS

VGA Intel 810E (GMCH) AGP VGA

☐ PCI_Slot: ___. ☒ Onboard AGP

Sound Realtek ALC201A

☐ PCI_Slot: ___. ☒ Onchip AC97

LAN Realtek RTL8100L

☐ PCI_Slot: ___. ☒ On board



The following Mouse devices test Office XP and Game under Windows XP with Mouse drivers installed.

Vendor	Product Description	Bus I/F
Microsoft	Microsoft IntelliMouse Serial - PS/2 Mouse	Serial/ PS2
	IntelliMouse USB/PS2 Mouse (w IntelliEye)	USB/PS2
Logitech	Logitech MouseMan Serial - PS/2 Mouse	Serial/ PS2
	Logitech First Mouse+ Serial - PS/2 Mouse	Serial/ PS2
eMachines	M-S34 (Logitech)	PS2
Samsung	Cyber Beetle Mouse (Optical)	PS2
Genius	NetScroll Optical	PS2
Genius	Genius NetMouse PS/2 Mouse	PS2

8.4.3 USB Device Products

Test Configuration:

OS Ver ☒ Win XP Ver: 2002.

CPU Intel Pentium III 1.0GHz ☒ Intel

Memory Infineon 256MB (Infineon) Total: 512 MB ☐ PC100 ☒ PC133

HDD WD Caviar WD1000 100GB IDE ☐ UDMA/66 ☒ UDMA/100

Channel: ☒ PM ☐ PS ☐ SM ☐ SS

CD-ROM ASUS DVD-E612 12X IDE DVD Channel: ☐ PM ☐ PS ☒ SM ☐ SS

VGA Intel 810E (GMCH) AGP VGA ☐ PCI_Slot: __. ☒ Onboard AGP

Sound Realtek ALC201A ☐ PCI_Slot: __. ☒ Onchip AC97

Mouse Microsoft IntelliMouse Mouse ☐ COM ☒ PS/2

The following USB devices be tested under Windows XP with Win XP default driver installed.

Type	Vendor	Description
Mouse	Logitech	USB Wheel Mouse (M-BB48)
		USB MouseMan Wheel (M-BA47)
		USB Wheel optical Mouse (M-BD58)
	Microsoft	IntelliMouse Mouse (w IntelliEye)
		IntelliMouse Optical USB Mouse

		IntelliMouse explorer USB Mouse
	Justy	UM-400
	XNTC	98NS1-U2
	Cypress	7-895 Mouse
HUB	Belkin	Express Bus F5U001
	SOHOUSB	Unique Energy Saving (4-Port USB Hub)
Camera	Intel	YC72
	Kodak	DVC323
	IBM	XVP610
Keyboard	BTC	8113W
	Jetime	ACK-298H
	Microsoft	Natural Keyboard Pro
Printer	EPSON	Stylus Color 740
		Stylus Color 900
Scanner	EPSON	GT-7000
	HP	ScanJet 4200C
Ethernet	CATC	USB Ethernet Link
Speaker	YAMAHA	YST-MS35D
MO	OLYMPUS	Turbo MO MINI (MOS3390S)
HDD	Vipower	VP-8058 Mobile USB Adapter
ZIP	iomega	ZIP 250
CD-RW	SONY	Spessa CD-ReWritable Recorder
FDD		Generic USB FDD
GamePad	Logitech	WingMan Extreme USB GamePad
	Creative	Cobra USB GamePad
	Microsoft	SideWinder Strategic Commander
	Microsoft	SideWinder Game Voice
Joystick	Logitech	WingMan Formula Force joystick
	Microsoft	SideWinder Precision 2

8.4.4 Joystick and GamePad

Test Configuration:

OS Ver ☒ Win XP Ver: 2002

CPU Intel Pentium 1.13GHz ☒ Intel

Memory KingMax 128MB (KingMax)

Total: 256 MB ☐ PC100 ☒ PC133

HDD Maxtor 4K080H4 80GB IDE

☐ UDMA/66 ☒ UDMA/100

Channel: ☒ PM ☐ PS ☐ SM ☐ SS

CD-ROM LG DRD-8120B 12X DVD-ROM

Channel: ☐ PM ☐ PS ☒ SM ☐ SS

VGA Intel 810E (GMCH) AGP VGA

☐ PCI Slot: ☒ Onboard AGP

Sound Realtek ALC201A

☐ PCI Slot: ☒ Onchip AC97



LAN Realtek RTL8100L

PCI Slot: __, ☒ On board

Mouse Microsoft IntelliMouse Mouse

COM ☒ PS/2

The following Joystick devices test Game under Windows 98 with themselves default driver installed.

Type	Vendor	Product Description
GamePad	Logitech	WingMan Extreme USB/Game port
Joystick	Microsoft	SideWinder 3D Pro joystick

8.5 Power Supply Products

Test Configuration:

OS Ver ☒ Win ME Ver: 4.90.3000.

CPU Intel Celeron 900MHz

☒ Intel

Memory Hyuix 256MB (Hyundai)

Total: 512 MB PCI100 ☒ PC133

HDD Maxtor 51536H2 15.3GB IDE

UDMA/66 ☒ UDMA/100Channel: ☒ PM ☒ PS ☒ SM ☒ SS

CD-ROM Pioneer DVD-116 16X IDE DVD

Channel: ☒ PM ☒ PS ☒ SM ☒ SS

VGA Intel 810E (GMCH) AGP VGA

PCI Slot: __, ☒ Onboard AGP

Sound Realtek ALC201A

PCI Slot: __, ☒ Onchip AC97

LAN Realtek RTL8100L

PCI Slot: __, ☒ On board

Mouse Logitech TrackMan Marble Mouse

COM ☒ PS/2

The following Power supply devices test Cool/Warm boot, restart and power management under Windows ME with over 5 times.

Vendor	Product Description	Power	Type
DELTA	DPS-145PB-91 A Rev:00	145W	SFX
	DPS-145PB-111 A Rev:00	145W	SFX
Seventeam	ST-150MK	150W	SFX
Enlight	SFX-1215A	150W	SFX
	SI-X145M3 REV:B0	145W	SFX
SIR TEC	SI-C145M2 REV:C0	145W	SFX
	SI-X145M3 REV:B1	145W	SFX
HIPRO	HP-A1463F5 Rev:03	145W	SFX
	HP-146SSG Rev:X01	145W	SFX
Enhance	ENP-2120D	200W	SFX
Ever-Power	PM-230W	230W	SFX
HOPELY	ATX-180SE-PSIII	180W	SFX



Compaq	DPS-145PB-101B Rev:02	145W	SFX
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9. Software Compatibility Test Suite

9.1 Base Operating System

9.1.1 Microsoft Windows 98 SE:

Test Configuration:

CPU Intel Pentium III 1.0GHz

Memory Transcend 256MB (SEC)

HDD WD Caviar WD400 40GB IDE

CD-ROM NEC DV-5800A 16X IDE DVD

VGA Intel 810E (GMCH) AGP VGA

Sound Realtek ALC201A

LAN Realtek RTL8100L

Mouse Logitech TrackMan Marble Mouse

☒ Intel

Total: 512 MB ☐ PC100 ☒ PC133

☐ UDMA/66 ☒ UDMA/100

Channel: ☒ PM ☐ PS ☐ SM ☐ SS

Channel: ☐ PM ☐ PS ☒ SM ☐ SS

☐ PCI_Slot: ____, ☒ Onboard AGP

☐ PCI_Slot: ____, ☒ Onchip AC97

☐ PCI_Slot: ____, ☒ On board

☐ COM ☒ PS/2

Test Item	Result	Remark
FDISK (FAT32)	PASS	
Format FDD	PASS	
Large file Copy (Over 500MB)	PASS	
FIC CD-PRO all M/B drivers Install & Test	PASS	
FIC CD-PRO all Application Install & Test	PASS	
FIC CD-Plus V2.0 Auto run test	PASS	
CoreTest 92 (Transfer Rate test)	PASS	
Large file Copy from CD/DVD-ROM (Over 500MB)	PASS	
Device Management check (No Caution)	PASS	
VGA Resolution/Color change	PASS	
Defrag test	PASS	
Install Office XP	PASS	
Auto Shutdown (system power off)	PASS	
DVD play (name: <i>Deep Blue Sea</i>)	PASS	
Power Management	Power button	PASS
	Keyboard Sleep Key	PASS
	Start → Stand By item	PASS
	Time Out	PASS
S3 (Suspend To Memory)	Power button	PASS
	Keyboard Sleep Key (98keyboard)	PASS
	Start → Stand By item	PASS
	Time Out	PASS
System Shutdown	Power button (Setting from PM)	PASS
	Start → Shut down item	PASS

The board is tested to ensure that it runs a complete a range of Operating Systems and thus operate in all network environments The board Power Management and Remote functions are also tested.

Operating System	Version	Language	Company	Status
MS Windows 98 SE	4.10.2222A	English	Microsoft	Pass

9.1.2 Microsoft Windows ME:

Test Configuration:

CPU Intel Pentium III 1.0GHz ☒ Intel
Memory KingSton 256MB (IBM) **Total:** 512 MB ☐ PC100 ☒ PC133
HDD Maxtor 54098H8 40.9GB IDE ☐ UDMA/66 ☒ UDMA/100
Channel: ☒ PM ☐ PS ☐ SM ☐ SS
CD-ROM SONY DDU1621 16X IDE DVD **Channel:** ☐ PM ☐ PS ☒ SM ☐ SS
VGA Intel 810E (GMCH) AGP VGA ☐ PCI_Slot: __. ☒ Onboard AGP
Sound Realtek ALC201A ☐ PCI_Slot: __. ☒ Onchip AC97
LAN Realtek RTL8100L ☐ PCI_Slot: __. ☒ On board
Mouse Logitech TrackMan Marble Mouse ☐ COM ☒ PS/2

Test Item	Result	Remark
FDISK (FAT32)	PASS	
FIC CD-PRO all M/B drivers Install & Test	PASS	
FIC CD-PRO all Application Install & Test	PASS	
FIC CD-Plus V2.0 Auto run test	PASS	
Device Management check (No Caution)	PASS	
Large file Copy from CD/DVD-ROM (Over 500MB)	PASS	
Install Office XP	PASS	
Media Player 7.0 (play MIDI/MP3/CD Audio)	PASS	
Defrag test	PASS	
DVD play (name: <i>Deep Blue Sea</i>)	PASS	
Power Management (Stand By function)	Power button	PASS
	Keyboard Sleep Key	PASS
	Start → Stand By item	PASS
	Time Out	PASS
S3 (Suspend To Memory)	Power button	PASS
	Keyboard Sleep Key (98keyboard)	PASS
	Start → Stand By item	PASS
	Time Out	PASS
Hibernate (Suspend To Disk)	Power button	PASS
	Start → Hibernate item	PASS
	Time Out	PASS
	Power button	PASS
System Shutdown	Start → Shut down item	PASS
	Power button	PASS
System Restore	PASS	

The board is tested to ensure that it runs a complete a range of Operating Systems and thus operate in all network environments The board Power Management and Remote functions are also tested.

Operating System	Version	Language	Company	Status
MS Windows ME	4.90.3000	English	Microsoft	Pass

9.1.3 Microsoft Windows XP/Home Edition:

Test Configuration:

CPU Intel Pentium III 1.0GHz ☒ Intel
Memory Hyuix 256MB (Hyundai) **Total: 512 MB** ☐ PC100 ☒ PC133
HDD Maxtor 5T060H6 60GB IDE ☐ UDMA/66 ☒ UDMA/100
Channel: ☒ PM ☐ PS ☐ SM ☐ SS
CD-ROM Pioneer DVD-116 16X IDE DVD **Channel:** ☐ PM ☐ PS ☒ SM ☐ SS
VGA Intel 810E (GMCH) AGP VGA ☐ PCI_Slot: __. ☒ Onboard AGP
Sound Realtek ALC201A ☐ PCI_Slot: __. ☒ Onchip AC97
LAN Realtek RTL8100L ☐ PCI_Slot: __. ☒ On board
Mouse Logitech TrackMan Marble Mouse ☐ COM ☒ PS/2

Test Item	Result	Remark
Install Win XP with NTFS (boot from CD)	PASS	
FIC CD-PRO all M/B drivers Install & Test	PASS	
FIC CD-PRO all Application Install & Test	PASS	
FIC CD-Plus V2.0 Auto run test	PASS	
Device Management check (No Caution)	PASS	
Large file Copy from CD/DVD-ROM (Over 500MB)	PASS	
Install Office XP	PASS	
Media Player 8.0 (play MIDI/MP3/CD Audio)	PASS	
Defrag test	PASS	
DVD play (name: <i>Deep Blue Sea</i>)	PASS	
Power Management (Stand By function)	Power button	PASS
	Keyboard Sleep Key	PASS
	Start → Stand By item	PASS
	Time Out	PASS
S3 (Suspend To Memory)	Power button	PASS
	Keyboard Sleep Key (98keyboard)	PASS
	Start → Stand By item	PASS
	Time Out	PASS
Hibernate (Suspend To Disk)	Power button	PASS
	Start → Hibernate item	PASS
	Time Out	PASS
	Power button	PASS
System Shutdown	Start → Shut down item	PASS
	Power button	PASS

The board is tested to ensure that it runs a complete a range of Operating Systems and thus operate in all network environments The board Power Management and Remote functions are also tested.

Operating System	Version	Language	Company	Status
MS Windows XP / Home Edition	2002	English	Microsoft	Pass

9.1.4 Microsoft Windows 2000 + Service Pack 2:

Test Configuration:

CPU Intel Pentium III 1.0GHz ☒ Intel
Memory Hyuix 256MB (Hyundai) **Total: 512 MB** ☐ PC100 ☒ PC133
HDD Maxtor 5T060H6 60GB IDE ☐ UDMA/66 ☒ UDMA/100
Channel: ☒ PM ☐ PS ☐ SM ☐ SS
CD-ROM Pioneer DVD-116 16X IDE DVD **Channel:** ☐ PM ☐ PS ☒ SM ☐ SS
VGA Intel 810E (GMCH) AGP VGA ☐ PCI_Slot: __. ☒ Onboard AGP
Sound Realtek ALC201A ☐ PCI_Slot: __. ☒ Onchip AC97
LAN Realtek RTL8100L ☐ PCI_Slot: __. ☒ On board
Mouse Logitech TrackMan Marble Mouse ☐ COM ☒ PS/2

Test Item	Result	Remark
Install Win 2000 with NTFS (boot from CD)	PASS	
Format FDD	PASS	
FIC CD-PRO all M/B drivers Install & Test	PASS	
FIC CD-PRO all Application Install & Test	PASS	
Device Management check (No Caution)	PASS	
VGA Resolution/Color change	PASS	
Large file Copy from CD/DVD-ROM (Over 500MB)	PASS	
Install Office XP	PASS	
DVD play (name: <i>Deep Blue Sea</i>)	PASS	
Power Management (Stand By function)	Power button	PASS
	Keyboard Sleep Key	PASS
	Start → Stand By item	PASS
	Time Out	PASS
S3 (Suspend To Memory)	Power button	PASS
	Keyboard Sleep Key (98keyboard)	PASS
	Start → Stand By item	PASS
	Time Out	PASS
Hibernate (Suspend To Disk)	Power button	PASS
	Start → Hibernate item	PASS
	Time Out	PASS
	Power button	PASS
System Shutdown	Power button	PASS
	Start → Shut down item	PASS

The board is tested to ensure that it runs a complete a range of Operating Systems and thus operate in all network environments The board Power Management and Remote functions are also tested.

Operating System	Version	Language	Company	Status
MS Windows 2000 Professional	5.00.2195	English	Microsoft	Pass
Windows 2000 Service Pack	2.0	English	Microsoft	Pass

**9.1.5 Microsoft Windows NT 4.0 + Service Pack 6:****Test Configuration:**

CPU Intel Pentium III 1.0GHz ☒ Intel
Memory KingSton 256MB (Winbond) **Total: 512MB** ☐ PC100 ☒ PC133
HDD IBM DTLA-307060 60GB IDE ☐ UDMA/66 ☒ UDMA/100
CD-ROM Lite-On LTD-163 16X IDE DVD **Channel:** ☒ PM ☐ PS ☐ SM ☐ SS
VGA Intel 810E (GMCH) AGP VGA **Channel:** ☐ PM ☐ PS ☒ SM ☐ SS
Sound Realtek ALC201A **PCI Slot:** ___. ☒ Onboard AGP
Mouse Logitech TrackMan Marble Mouse **PCI Slot:** ___. ☒ Onchip AC97
☐ COM ☒ PS/2

Test Item	Result	Remark
Install Win NT with NTFS (boot from CD)	PASS	
Install Service Pack 6.0	PASS	
Format FDD	PASS	
Cool boot 2 times under every combination	PASS	
Reboot 2 times under every combination	PASS	
VGA Resolution/Color change	PASS	
Large file Copy (one file Over 500MB)	PASS	
VCD/DVD play (name: <i>Deep Blue Sea</i>)	PASS	

The board is tested to ensure that it runs a complete a range of Operating Systems and thus operate in all network environments The board Power Management and Remote functions are also tested.

Operating System	Version	Language	Company	Status
Windows NT Workstation	4.0	English	Microsoft	Pass
Windows NT Workstation Service Pack	6.0	English	Microsoft	Pass

9.1.6 IBM OS/2 4.0:**Test Configuration:**

CPU Intel Pentium III 1.0GHz ☒ Intel



Memory Buffalo 128MB (Hitachi) **Total: 256 MB** ☒PC100 ☒PC133
HDD Fujitsu MPB3032AT 3.2GB IDE ☒PIO4 ☒UDMA/33
CD-ROM Pioneer DVD-116 16X IDE DVD **Channel:** ☒PM ☒PS ☒SM ☒SS
VGA Intel 810E (GMCH) AGP VGA **Channel:** ☒PM ☒PS ☒SM ☒SS
Mouse Logitech Mouse+ Mouse **Channel:** ☒Onboard AGP
Mouse Logitech Mouse+ Mouse **COM** ☒PS/2

Test Item	Result	Remark
Install OS/2 (HPFS)	PASS	
Format FDD	PASS	
XCOPY	PASS	
Diskcopy	PASS	
VGA Resolution/Color change	PASS	
DOS Windows	PASS	
OS/2 Windows	PASS	

The board is tested to ensure that it runs a complete a range of Operating Systems and thus operate in all network environments The board

Operating System	Version	Language	Company	Status
IBM OS/2 Warp	4.0	English	IBM	Pass

* Don't driver support Realtek ALC201 AC'97 Audio.

9.1.7 LINUX :

Test Configuration:

CPU Intel Pentium III 1.0GHz ☒Intel
Memory KingMax 128MB (KingMax) **Total: 256 MB** ☒PC100 ☒PC133
HDD Samsung SV3063H 30.6GB IDE ☒UDMA/66 ☒UDMA/100
CD-ROM Pioneer DVD-116 16X IDE DVD **Channel:** ☒PM ☒PS ☒SM ☒SS
VGA Intel 810E (GMCH) AGP VGA **Channel:** ☒PM ☒PS ☒SM ☒SS
Sound Realtek ALC201A **Channel:** ☒Onboard AGP
LAN Realtek RTL8100L **COM** ☒On board
Mouse Logitech Mouse+ Mouse **COM** ☒PS/2

The board is tested to ensure that it runs a complete a range of Operating Systems.

Operating System	Version	Language	Status
Red Hat	7.2	English	Pass
Open Linux	3.1	English	Pass



Test Engineer:

BIOS: Benson Shen

OS: Scott Lin

I/O : Brad Su

Audio: Stevent Huang

CPU/Memory: Lion Liou

VGA: Leon Liang

Logo: Joy Tsai

IDE Devices: Scott Lin

Check by: Lion Liou

Ownership: Benson Shen