

# **FIC AM35 PCI/AGP SYSTEM BOARD BOARD LEVEL COMPATIBILITY TEST REPORT**

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Supervisor	Tester



### Revision History

Document Release	Date	Change Item	ECN
Revision 1.00	5/03/2002	Initial Release.	



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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 AGP,VGA, 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** : AM35 PCB Rev 1.2  
**Product Name** : VIA KM266 Based Mainboard  
**System BIOS** : Award BIOS Version VLA41  
**PCI IDE** : Internal PCI Mastre dual IDE  
**LPC** : ITE IT8705F

## 3. Mainboard CPU Supports:

AMD Processors	Bus	Status
Duron 750MHz	100	Pass
Duron 800MHz	100	Pass
Duron 850MHz	100	Pass
Duron 900MHz	100	Pass
Duron 950MHz	100	Pass
Duron 1.0GHz (Morgan)	100	Pass
Duron 1.1GHz (Morgan)	100	Pass
Duron 1.2GHz (Morgan)	100	Pass
Duron 1.3GHz (Morgan)	100	Pass
Athlon 800MHz	100	Pass
Athlon 850MHz	100	Pass
Athlon 900MHz	100	Pass
Athlon 950MHz	100	Pass
Athlon 1GHz	100/133	Pass
Athlon 1.1GHz	100	Pass
Athlon 1.133GHz	133	Pass
Athlon 1.2GHz	100/133	Pass
Athlon 1.3GHz	100	Pass
Athlon 1.333GHz	133	Pass
Athlon 1.4GHz	100/133	Pass
Athlon XP 1500+ (Palomino/1333)	133	Pass
Athlon XP 1600+ (Palomino/1400)	133	Pass
Athlon XP 1700+ (Palomino/1467)	133	Pass
Athlon XP 1800+ (Palomino/1533)	133	Pass
Athlon XP 1900+ (Palomino/1600)	133	Pass
Athlon XP 2000+ (Palomino/1667)	133	Pass
Athlon XP 2100+ (Palomino/1733)	133	Pass

- Socket A Fan-Sink : Please refer to AMD's Web side recommendation. Especially, over 850 MHz CPUs.

## 4. System Specification for Hardware and Software Utilities

The mainboard hardware portion was configured as follows :

Item	Description
System Core Logic	VIA KM266 + VT8233A
System Cache	64/256K Pipeline Burst SRAM Built-in CPU
System Memory	DDR200/266(PC1600/2100) Support
	Maximum : 2GB DDR DRAM
	184 pins single RAS and Double RAS DDR SDRAM Module
System Slots	1 AGP and 3 PCI slots
Audio	VIA 8233A AC'97 Audio with Realtek ALC201 codec
LAN (Option)	Realtek RTL8100BL 10/100 LAN Chip Onboard
LPC	ITE IT8705F Support Normal,EPP,ECP mode and IR interface

### 4.1 Main Functionality :

Num.	M/B function	Result
1	ACPI Ready (support S0/S1/S3/S4/S5)	PASS
2	Wake On LAN / Wake On Ring	PASS
3	RTC Alarm Function	PASS
4	NOVUS II	LogoGenie
		BIOS Easy Kit
		BIOS Flash Protect (Guardian feature)
5	Ultra ATA-33/66/100/133 Enhanced IDE Interface	PASS
6	Onboard Realtek ALC201 AC'97 Audio	PASS
7	Onboard Realtek RTL8100BL LAN	PASS
8	USB 1.1 Function (Front/Rear)	PASS
9	Power Failure feature	PASS

### 4.2 Main Software Utilities :

Num.	M/B function	Version	Result
1	VIA 4 in 1 Chipset Driver	4.38	PASS
2	VIA KM266 Video driver for Win 9x/ME	4.10.01.3037	PASS
3	VIA KM266 Video driver for Win 2000/XP	6.13.10.1048	PASS
4	ALC201 codec driver for Win 9x/ME/2000/XP	5.10.3830	PASS
5	Realtek RTL8100BL LAN driver for Win 9x/ME	5.503.326.2002	PASS
6	Realtek RTL8100BL LAN driver for Win 2000/XP	5.503.412.2002	PASS
7	Award BIOS Flash ROM Utilities	8.10b	PASS

## 5. Jumper Function Verification

Description	Jumper Name	Default Option	Status
Speaker Connector	SPK1	Open	Pass
Power LED (Single color-3 pin)	PL_LED	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
Chipset FAN Connector	CHIP_FAN	Open	Pass
Chassis FAN Connector	SYS_FAN	Open	Pass
Clear CMOS	CLR	1-2	Pass
Clear Password	CLP	Open	Pass
IR interface	IRRX/IRTX	Open	Pass
System Bus Clock	FSB	2-3	Pass
Front Audio Connector	FNT_Audio	Open	Pass
COM2 Connector	COM2	Open	Pass
USB 2/3 Connector	USB 2/3	Open	Pass
Sony Philips Digital Interface	SPDIF	Open	Pass
CD_IN Connector (RGGL)	CD_IN	Open	Pass
AUX_IN Connector	AUX_IN	Open	Pass
Wake On LAN	WOL	Open	Pass

## 6. Stability Test

### 6.1 CPU Over Clock Test:

System Configuration	
<b>CPU</b> : AMD Athlon XP 1900+ (1600MHz)	<b>FDD</b> : NEC FD1231T 1.44MB
<b>Cache Memory</b> : 256KB	<b>Audio</b> : Onboard Realtek ALC201 AC'97
<b>Memory</b> : Seitec DDR266 512MB X 2	<b>LAN</b> : Onboard Realtek 8100BL
<b>HDD (ATA/100)</b> : Maxtor 98196H8 80GB	<b>Mouse</b> : Microsoft PS/2 mouse
<b>VGA</b> : Onboard VIA KM266 AGP	<b>PowerSupply</b> : Delta DPS-300KB ATX 300W
<b>DVD-ROM</b> : NEC DV-5700B 12X DVD	<b>O.S. Environment:</b> Windows XP/Home Edition

NO.	Over clock level		Test Result				
	FSB	CPU ID	Cool boot	Install OS	S3	Winstone 2001	3D Mark2001
1	140MHz	1680GHz	Pass	Pass	Pass	45.4	658

### 6.2 Stress Test:

System Configuration	
<b>CPU</b> : AMD Athlon XP 1900+ (1600MHz)	<b>FDD</b> : NEC FD1231T 1.44MB
<b>Cache Memory</b> : 256 K	<b>Audio</b> : Onboard ALC201 AC'97 Audio
<b>Memory</b> : Samsung DDR266 256MB x 2	<b>LAN</b> : Onboard Realtek 8100BL
<b>HDD 1(ATA/100)</b> : Maxtor 98196H8 80GB	<b>Mouse</b> : Microsoft PS/2 mouse
<b>HDD2(ATA/100)</b> : WD Caviar WD400 40GB	<b>PowerSupply</b> : Delta DPS-300KB ATX 300W
<b>DVD-ROM</b> : NEC DV-5700B 12X DVD	<b>O.S. Environment:</b> Windows 2000
<b>VGA</b> : Onboard VIA KM266 AGP	

Test Result						
BIOS detect	Install OS	All driver install	PM	CC WS 2002	Stress burn in	DVD/VCD play
Pass	Pass	Pass	Pass	Pass	Pass	Pass

### 6.3 PCB Cool Boot Test: (12 hours)

System Configuration	
<b>CPU</b> : AMD Athlon XP 1900+ (1600MHz)	<b>FDD</b> : NEC FD1231T 1.44MB
<b>Cache Memory</b> : 256 K	<b>PowerSupply</b> : Green An ATX-1125BTA 300W
<b>Memory</b> : DDR DRAM 512MB(256MBx2)	
<b>VGA</b> : Onboard VIA KM266 AGP	

Test Result	
Cool Boot (over 700 times)	Pass



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

Software Name	Duration	Result
Winstone 2001 V1.02	12hr.	<i>Pass</i>
Test Configurations for Windows XP	AMD Athlon XP 1900+ (1600MHz) Maxtor 98196H8 ATA/100 80GB HDD Transcend 128MB DDR266 Memory.(Samsung) X 2 Onboard VIA KM266 AGP	
CC Winstone 2002	12hr.	<i>Pass</i>
Test Configurations for Windows 2000	AMD Athlon XP 1800+(1533MHz) Maxtor 6L080J4 ATA/133 80GB HDD KingMax 256MB DDR DRAM Memory. X 2 Onboard VIA KM266 AGP	
Winstone 2001 V1.02	12hr.	<i>Pass</i>
Test Configurations for Windows ME	AMD Athlon XP 2100+(1733MHz) Maxtor 34098H4 ATA/100 40.9GB HDD KingMax 256MB DDR DRAM Memory. X 2 Onboard VIA KM266 AGP	
BCM	12hr.	<i>Pass</i>
Test Configurations for Windows ME	AMD Athlon XP 1800+(1533MHz) Maxtor 4K040H2 ATA/100 40GB HDD Elixir 256MB DDR DRAM Memory.(Elixir) X 2 Onboard VIA KM266 AGP	
3D Mark 2001 SE	12hr.	<i>Pass</i>
Test Configurations for Windows XP	AMD Athlon XP 1500+(1333MHz) Maxtor 6L040J2 ATA/133 40GB HDD Samsung 512MB DDR DRAM Memory. X 2 Onboard VIA KM266 AGP	

## 8. Hardware Compatibility Test Suite

### 8.1 Memory

#### Test Configuration:

OS Ver ☒ Win XP Ver: 2002  
☒ Win 2000 Ver: 5.00.2195

CPU AMD Athlon XP 1900+(1600MHz)

☒ AMD

HDD Maxtor 4W100H6 100GB IDE

☒ ATA/100 ☐ ATA/133

Channel: ☒ PM ☐ PS ☐ SM ☐ SS

VGA VIA KM266 AGP

☒ Onboard ☐ AGP 4X

CD-ROM Pioneer DVD-116 16X DVD

Channel: ☐ PM ☐ PS ☒ SM ☐ SS

Sound Realtek ALC201 AC'97

☐ PCI\_Slot: ☒ On board

Mouse Microsoft IntelliMouse PS/2 Mouse

☐ COM ☒ PS/2

The following DDR DRAM module test Winstone 2001/Copy large files(over 500MB)/ 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.

#### 8.1.3 DDR DRAM Module (DDR266/PC2100)

Vender	IC Part No.	Size	Side	Module No.
Micron	MT46V8M8-75	128MB	D	MT16VDDT1664AG-265A2
	MT46V16M8-75A	128MB	S	MT8VDDT1664AG-265A1
	MT46V16M8-75A	256MB	D	MT16VDDT3264AG-265A1
	MT46V32M8-75	512MB	D	MT16VDDT6464AG-265B1
Samsung	K4H281638B-TCA2	128MB	D	M368L1714BT1-CA2
	K4H280838B-TCB0	256MB	D	M368L3313BT1-CB0
	K4H560838B-TCB0	512MB	D	M368L6423BT1-CB0Q0
Apacer	K4H280838B-TCB0 (Samsung)	128MB	D	77.10304.460
	K4H280838B-TCB0 (Samsung)	256MB	D	77.10204.460
	NT5DS16M8AT-7K (Nanya)	256MB	D	77.10203.540
Buffalo	K4H280838B-TCB0 (Samsung)	256MB	D	DD266-256M
Crucial	MT46V16M8-75A (Micron)	128MB	S	CT1672Z265.9T
	MT46V16M8-75A (Micron)	256MB	D	CT3272Z265.18T
Hynix	HY5DU28822AT-H (Hyundai)	256MB	D	HYMD132645 A8-H
KingMax	KDL684T4A2A-07A	128MB	S	MPDA82D-68KX2
	KDL684T4A2A-07A	256MB	D	MPDB62D-68KX2
Transend	NT5DS16M8AT-7K (Nanya)	128MB	S	TS16MLD64V6D5
	NT5DS16M8AT-7K (Nanya)	256MB	D	TS32MLD64V6D5
	K4H280838B-TCB0 (Samsung)	256MB	D	TS32MLD64V6D5
	MT46V16M8-75A (Micron)	256MB	D	T32MLD64V6D5
	W942508AH-75 (Winbond)	512MB	D	
Infineon	HYB25D256800AT-7	256MB	D	HYS64D32000GU-7-A
	HYB25D256800AT-7	512MB	D	HYS64D64020GU-7-A
Kingston	NT5DS16M8AT-7K (Nanya)	256MB	D	KVR266X64C25/256
JSI	D45D128842G5-C80-9LG	256MB	D	(NEC)
SEITEC	DDR32M8AT-7	512MB	D	184DR512M638
elixir	N2DS12880AT-75B	256MB	D	M2U25664DS8HA0G-75B

### 8.1.2 DDR DRAM Module (DDR300/PC2400)

Vender	IC Part No.	Size	Side	Module No.
KingMax	KDL684T4A2A-06	256MB	D	MPLB62D-68KX3

\* VIA KM266 North Bridge doesn't support DDR300 transfer mode, so these DDR300 run 266MHz.

### 8.1.3 DDR DRAM Module (DDR333/PC2700)

Vender	IC Part No.	Size	Side	Module No.
KingMax	KDL684T4A2A-05	128MB	S	MPMA82D-68KX3
	KDL684T4A2A-05	256MB	D	MPMB62D-68KX3
Samsung	K4H560838C-TCB3	256MB	S	M368L3223CTL-CB3

\* VIA KM266 North Bridge doesn't support DDR333 transfer mode, so these DDR333 run 266MHz.

## 8.2 Add-on Cards

### 8.2.1 Display Adapter Products

#### Test Configuration:

OS Ver ☒ Win XP Ver: 2002

CPU AMD Athlon XP 1900+(1600MHz) ☒ AMD

HDD WD Caviar WD1000 100GB IDE ☒ ATA/100 ☐ ATA/133

Memory Infineon 512MB(Infineon)

CD-ROM Aopen CD-952E 52X IDE

Sound Realtek ALC201 AC'97

LAN Realtek RTL8100BL

Mouse Logitech MouseMan Mouse

Channel: ☒ PM ☐ PS ☐ SM ☐ SS

Total: 512 MB ☐ PC1600 ☒ PC2100

Channel: ☐ PM ☐ PS ☒ SM ☐ SS

☐ PCI\_Slot:     ☒ On board

☐ PCI\_Slot:     ☒ On board

☐ COM ☒ PS/2

The following AGP 4X VGA cards test 3Dmark 2001/Final Reality 1.01 /Suspend to RAM(S3) under Windows XP 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.

### 4X AGP Display Adapter Products

Vendor	Model Name	Product Description	Driver version
Leadtek	GeForce4 MX 400	A170 DDR	6.13.10.2720
Matrox	MGA-G550	Millennium G550	5.12.01.1220
ATI	Rage 128 Pro	XPERT 2000 Pro	6.13.3276
	Radeon	Radeon	6.13.3276
	Radeon VE	Radeon VE	6.13.01.6015
	Radeon 7500	Radeon 7500	6.13.01.6015
	Radeon 8500 LE	Radeon 8500 LE	6.13.01.6015
FIC	ATI Radeon 7500	AT008V	6.13.01.6015
	ATI Radeon 8500 LE	AT008-250	6.13.01.6015

	ATI Radeon 8500	AT008-275	6.13.01.6015
ASUS	GeForce256	AGP-V6800	5.13.01.2181
	Riva GeForce2 GTS	AGP-V7700 Deluxe	5.13.01.2181
	GeForce2 Ti200	AGP-V7700 TI	5.13.01.2181
	Riva GeForce3	AGP-V8200 Deluxe	5.13.01.2181
	GeForce3 Ti200	AGP-V8200 T2 Deluxe	5.13.01.2181
	GeForce3 Ti500	AGP-V8200 T5 Deluxe	5.13.01.2181
	GeForce4 MX 400	AGP-V8170 DDR	6.13.10.2720
Visiontek	Riva Geforce3	Geforce3 (TV out)	6.13.10.2832
Gainward	GeForce3 Ti200	GeForce3 PowerPack !!!	6.13.10.2832
ELSA	Riva Geforce2 Ultra	GLADIAC Ultra	6.13.10.2311
	Riva Geforce2 GTS Pro	GLADIAC Pro	6.13.10.2311
	GeForce2 MX 200	GLADIAC 311	6.13.10.2311
	GeForce2 MX 400	GLADIAC 511	6.13.10.2311
	GeForce3	GLADIAC 920	6.13.10.2311
	GeForce2 Ti	GLADIAC 516TV-Out	6.13.10.2311
	GeForce3 Ti200	GLADIAC 721TV-Out (64MB)	6.13.10.2311
	GeForce3 Ti200	GLADIAC 721TV-Out (128MB)	6.13.10.2311
	GeForce3 Ti500	GLADIAC 921 DVI	6.13.10.2311

### PCI Display Adapter Products

Vendor	Model Name	Product Description	Driver version
Creative	S3 Savage 4	3D Blaster Savage 4	OS Default
Cardex	SiS 6326	Cardexpert 6326	OS Default
3dfx	Voodoo 3-3000	3dfx Voodoo 3-3000 PCI	OS Default

### 8.2.2 SCSI Adapter Products

#### Test Configuration:

OS Ver ☒ Win XP Ver: 2002.  
☒ Win 2000 Ver: 5.00.2195.  
 CPU AMD Athlon XP 1900+(1600MHz) ☒ AMD  
 Memory Samsung 512MB (Samsung) Total: 512 MB ☐ PC1600 ☒ PC2100  
 VGA VIA KM266 AGP ☒ Onboard ☐ AGP 4X  
 HDD Seagate ST-39173W 9.1GB ☐ Ultra II SCSI ☒ Ultra Wide  
 CD-ROM Nichimen CDR-BP3N 32X CD-RW ☒ Ultra SCSI ☐ Ultra Wide  
 Sound YAMAHA YMF754-R PCI ☒ PCI Slot: 2 ☐ On board  
 LAN 3COM 3C905C-TX-M PCI ☒ PCI Slot: 1 ☐ On board  
 Mouse Logitech MouseMan Mouse ☐ COM ☒ PS/2

The following PCI SCSI cards run Winstone 2001/Copy large files(over 500MB) under Windows XP/2000 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-19160	Adaptec Ultra 160 PCI SCSI card 19160	PCI
	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 Modem Products

#### Test Configuration:

**OS Ver** ☒ Win XP Ver: 2002.  
**CPU** AMD Athlon XP 1900+(1600MHz) ☒ AMD  
**Memory** Samsung 256MB(Samsung) **Total:** 512 MB ☐ PC2700 ☒ PC2100  
**VGA** VIA KM266 AGP ☒ Onboard ☐ AGP 4X  
**HDD** WD Caviar WD400 40GB ☒ ATA/100 ☐ ATA/133  
**CD-ROM** NEC DV-5700B 12X IDE DVD **Channel:** ☒ PM ☐ PS ☐ SM ☐ SS  
**Sound** Realtek ALC201 AC'97 **Channel:** ☐ PM ☐ PS ☒ SM ☐ SS  
**LAN** Realtek RTL8100BL **PCI Slot:**     ☒ On board  
**Mouse** Microsoft IntelliMouse PS/2 Mouse **PCI Slot:**     ☒ On board  
☐ COM ☒ PS/2

The following PCI modem card test includes connecting to the internet,download files and test S1/S3/S4 under under Windows XP with their respective modem drivers installed .

Vendor	Product Description	Bus I/F
Askey	1456VQH75	PCI
	1456VQH-R4 INT1	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** AMD Athlon XP 1900+(1600MHz) ☒ AMD  
**Memory** Transend 256MB (Samsung) **Total:** 512 MB ☐ PC1600 ☒ PC2100

**VGA** VIA KM266 AGP ☒ Onboard ☒ AGP 4X  
**SCSI** Adaptec ASC-29160N Ultra160 ☒ ISA ☒ PCI Slot: 2.  
**Sound** Realtek ALC201 AC'97 ☒ PCI Slot:    . ☒ On board  
**LAN** Realtek RTL8100BL ☒ PCI Slot:    . ☒ On board  
**Mouse** Logitech First Mouse+ Mouse ☒ COM ☒ PS/2

The following SCSI devices test and WinStone 2001/Copy large files(over 500MB) under Windows XP/2000 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
CD-ROM	Plextor	PX-40Tsi	Ultra SCSI CD-ROM 40X
		Toshiba XM-6210B	Ultra SCSI CD-ROM 32X
	Panasonic	CR-508	SCSI-II CD-ROM 24X
	SONY	CDU-625	SCSI-II CD-ROM 24X
	TEAC	CD-532S	Ultra SCSI CD-ROM 32X
	Afreedy	CD-2050S	Ultra SCSI CD-ROM 50X
	TEAC	CDR 56S	(24R6W) CD-RW 24X
	Nichimen	CDR-BP3N	(32R12W10RW) CD-RW 32X
	Plextor	PX-W124Tsi	(32R12W4RW) CD-RW 32X
	YAMAHA	CRW2100S	(40R16W10RW) CD-RW 40X

### 8.3.2 IDE Fixed Disk Drive Products

#### Test Configuration:

**OS Ver** ☒ Win XP Ver: 2002.  
☒ Win 2000 Ver: 5.00.2195.  
**CPU** AMD Athlon XP 1800+(1533MHz) ☒ AMD

<b>Memory</b>	Crucial 256MB (Micron)	<b>Total:</b> <u>512 MB</u> <input type="checkbox"/> PC1600 <input checked="" type="checkbox"/> PC2100
<b>VGA</b>	VIA KM266 AGP	<input checked="" type="checkbox"/> Onboard <input type="checkbox"/> AGP 4X
<b>CD-ROM</b>	Lite-On LTD-163 16X IDE DVD	<b>Channel:</b> <input type="checkbox"/> PM <input type="checkbox"/> PS <input checked="" type="checkbox"/> SM <input type="checkbox"/> SS
<b>Sound</b>	Realtek ALC201 AC'97	<input type="checkbox"/> PCI_Slot: __. <input checked="" type="checkbox"/> On board
<b>LAN</b>	Realtek RTL8100BL	<input type="checkbox"/> PCI_Slot: __. <input checked="" type="checkbox"/> On board
<b>Mouse</b>	Logitech First Mouse+ Mouse	<input type="checkbox"/> COM <input checked="" type="checkbox"/> PS/2

The following IDE devices test and WinStone 2001/Copy large files(over 500MB) under Windows XP/2000 with OS default drivers installed and set to the follow condition 1024 x 768 x 16bit colors, resolution refresh rate of 85Hz, small font.

### IDE ATA/100

Vendor	Model Name	Capacity
IBM	DTLA-307015	15.3GB
	DTLA-305020	20.5GB
	DTLA-307020	20.5GB
	DTLA-307030	30.7GB
	IC35L040AVER07-0	40GB
	DTLA-307045	46.1GB
	DTLA-307060	61.4GB
	IC35L060A	61.5GB
	DTLA-307075	76.8GB
Maxtor	51536H2	15.3GB
	52049H4	20.4GB
	53073H6	30.6GB
	34098H4	40.9GB
	54098H8	40.9GB
	4K040H2	40GB
	5T060H6	61GB
	98196H8	80GB
	4K080H4	80GB
	4W100H6	100GB
Seagate	ST320414A	20GB
	ST330631A	30.6GB
	ST340016A	40GB
	ST340810A	40GB
	ST340824A	40GB
	ST380020A	80GB
	ST380021A	80GB
WD	Caviar WD300	30GB
	Caviar WD400	40GB
	Caviar WD600	60GB
	Caviar WD800	80GB
	Caviar WD1000	100GB
	Caviar WD1200	120GB
Samsung	SV3063H	30.6GB

SV4084H	40.8GB
---------	--------

### IDE ATA/133

Vendor	Model Name	Capacity
Maxtor	6L040J2	40GB
	6L060J3	60GB
	6L080J4	80GB
	4G160JB	160GB

### 8.3.3 ATAPI CD-ROM /DVD-ROM Device Product

#### Test Configuration:

**OS Ver** ☒ Win XP **Ver:** 2002  
**CPU** AMD Athlon XP 1900+(1600MHz) ☒ AMD  
**Memory** Samsung 128MB (Samsung) **Total:** 256 MB ☐ PC1600 ☒ PC2100  
**VGA** VIA KM266 AGP ☒ Onboard ☐ AGP 4X  
**HDD** WD Caviar WD800 80GB IDE ☒ ATA/100 ☐ ATA/133  
**Sound** Realtek ALC201 AC'97 **Channel:** ☒ PM ☐ PS ☐ SM ☐ SS  
**LAN** Realtek RTL8100BL ☐ PCI\_Slot:     ☒ On board  
**Mouse** Logitech TrackmanMarble Mouse ☐ PCI\_Slot:     ☒ On board  
☐ COM ☒ PS/2

The following IDE devices test play VCD or DVD/Copy large files(over 500MB) under windows XP with OS default 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
LITE-ON	LTN-403L	ATAPI CD-ROM 40X UDMA2
	LTN-485S	ATAPI CD-ROM 48X UDMA2
Acer	650P	ATAPI CD-ROM 50X UDMA2
AOpen	CD-952E/AKH	ATAPI CD-ROM 52X UDMA2
BTC	BCD 48SB	ATAPI CD-ROM 48X UDMA2
Creative	CD4834E	ATAPI CD-ROM 48X Mode4
	CD5220E	ATAPI CD-ROM 52X Mode4
ASUS	CD-S500/A	ATAPI CD-ROM 50X UDMA2
Mitsumi	CRMC-FX4820T	ATAPI CD-ROM 48X Mode4
Pioneer	DR-744	ATAPI CD-ROM 36X Mode4
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-106S/2	ATAPI DVD-ROM 16X (UDMA66)
Actima	AD16H	ATAPI DVD-ROM 16X
Panasonic	SR-8587-B	ATAPI DVD-ROM 16X
	LF-D211V	4.7GB DVD-RAM
Afreedy	DD-4010E	ATAPI DVD-ROM 10X
Creative	DVD1242E	ATAPI DVD-ROM 12X
LG	DRD-8120B	ATAPI DVD-ROM 12X
NEC	DV-5700B	ATAPI DVD-ROM 12X (UDMA33)
	DV-5800A	ATAPI DVD-ROM 16X (UDMA33)
Lite-On	LTD-122	ATAPI DVD-ROM 12X
	LTD-163	ATAPI DVD-ROM 16X

## 8.4 Peripherals

### 8.4.1 Parallel/Serial Port Products (Including IR)

#### Test Configuration:

**OS Ver** ☒ Win XP **Ver:** 2002  
**CPU** AMD Athlon XP 1800+(1533MHz) ☒ AMD  
**Memory** Apacer 128MB(Samsung) **Total:** 256 MB ☐ PC1600 ☒ PC2100  
**HDD** Seagate ST-380020A 80GB IDE ☒ ATA/100 ☐ ATA/133  
**Channel:** ☒ PM ☐ PS ☐ SM ☐ SS  
**CD-ROM** ASUS DVD-E612 12X IDE DVD **Channel:** ☐ PM ☐ PS ☒ SM ☐ SS  
**VGA** VIA KM266 AGP ☒ Onboard ☐ AGP 4X  
**Sound** Realtek ALC201 AC'97 **PCI\_Slot:**     ☒ On board  
**Mouse** Logitech TrackMan Marble Mouse **COM** ☒ PS/2

The following Parallel/Serial/IR devices be tested under Windows XP with OS default drivers installed.

Vendor	Product Description	Bus I/F
Mustek	Plug-N-Scan 1200CP EPP Scanner	LPT
Iomega	Parallel ZIP250	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	COM
ELSA	MicroLink 56K Internet	COM
Logitech	WingMan Formula Force joystick	COM
Kodak	DC210 InfraRed/Serial port Digital camera	COM
ACTisys	ACT-IR210L Receiver/Transceiver	IR

### 8.4.2 Mouse Products

#### Test Configuration:

**OS Ver** ☒ Win ME **Ver:** 4.90.3000  
**CPU** AMD Athlon XP 2000+(1667MHz) ☒ AMD  
**Memory** Apacer 256MB (Nanya) **Total:** 512 MB ☐ PC1600 ☒ PC2100  
**HDD** WD Caviar WD300 30GB IDE ☒ ATA/100 ☐ ATA/133  
**Channel:** ☒ PM ☐ PS ☐ SM ☐ SS  
**CD-ROM** ASUS CD-S500/A 50X IDE **Channel:** ☐ PM ☐ PS ☒ SM ☐ SS  
**VGA** VIA KM266 AGP ☒ Onboard ☐ AGP 4X  
**Sound** Realtek ALC201 AC'97 **PCI\_Slot:**     ☒ On board  
**LAN** Realtek RTL8100BL **PCI\_Slot:**     ☒ On board

The following Mouse devices test Office 2000 and Game under Windows XP with Mouse drivers installed.

Vendor	Product Description	Bus I/F
Microsoft	Optical U/P Mouse (X05-48976)	USB/PS2
	Optical U/P Mouse (X06-25122)	USB/PS2
	Explorer 3.0 U/P Mouse (X06-25120)	USB/PS2
	TrackBall Explorer 1.0 U/P Mouse (X05-87473)	USB/PS2
Logitech	MouseMan (M-CV46)	COM/PS2
	MouseMan Dual Optical (M-BL63B)	COM/PS2
eMachines	M-S34 (Logitech)	PS2
Samsung	Cyber Beetle Mouse (Optical)	PS2
Genius	NetScroll Optical	PS2
	NetScroll+ Eye Optical	PS2
	NetScroll+ NB Eye Optical	USB/PS2
LEO	Niche-N202	PS2

#### 8.4.3 USB Device Products

##### Test Configuration:

OS Ver ☒ Win XP Ver: 2002

CPU AMD Athlon XP 1800+(1533MHz)

Memory Apacer 128MB (Nanya)

HDD WD Caviar WD300 30GB IDE

CD-ROM Actima AD16H 16X IDE DVD

VGA VIA KM266 AGP

Sound Realtek ALC201 AC'97

Mouse Logitech First Mouse+ Mouse

☒ AMD

Total: 256 MB ☐ PC1600 ☒ PC2100

☒ ATA/100 ☐ ATA/133

Channel: ☒ PM ☐ PS ☐ SM ☐ SS

Channel: ☐ PM ☐ PS ☒ SM ☐ SS

☒ Onboard ☐ AGP 4X

☐ PCI Slot:    ☒ On board

☐ 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 Mouse (Optical) (M-BD58)
		MouseMan Dual Optical (M-BL63B)
	Microsoft	IM Optical U/P Mouse (X05-48976)
		IM Optical U/P Mouse (X06-25122)
		IM Explorer 3.0 U/P Mouse (X06-25120)
		TrackBall Explorer U/P Mouse (X05-87473)
		Wireless Explorer USB Mouse (X08-12616)
	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	HP	DeskJet 840c
		DeskJet 990cxi
		DeskJet 1220c
	EPSON	Stylus Color 740
		Stylus Color 900
Scanner	EPSON	GT-7000
		Perfection 2450 Photo
	HP	ScanJet 4200C
Ethernet	CATC	USB Ethernet Link
Speaker	YAMAHA	YST-MS35D
MO	OLYMPUS	Turbo MO MINI (MOS3390S)
HDD (Adapter)	Vipower	VP-8058 Mobile USB Adapter
		VP-8258 Mobile USB Adapter
ZIP	iomega	ZIP 250
CD-RW	SONY	Spessa CD-ReWritable Recorder
	Plextor	PX-S88TU (24R8W8RW)
	YAMAHA	CRW-70 (24R12W8RW)
FDD		Generic USB FDD
Flash H_Disk	TREK	ThumbDrive USB Flash Hard Disk
GamePad	Creative	Cobra USB GamePad
	Logitech	WingMan Extreme USB GamePad
	Microsoft	SideWinder Strategic Commander
	Microsoft	SideWinder Game Voice
Joystick	Logitech	WingMan Formula Force joystick
	Microsoft	SideWinder Precision 2

#### 8.4.4 Game Port Device Products

##### Test Configuration:

OS Ver ☒ Win ME Ver: 4.90.3000

CPU AMD Athlon XP 2000+(1667MHz)

Memory Apacer 256MB (Nanya)

HDD WD Caviar WD300 30GB IDE

CD-ROM ASUS CD-S500/A 50X IDE

VGA VIA KM266 AGP

Sound Realtek ALC201 AC'97

☒ AMD

Total: 512 MB ☐ PC1600 ☒ PC2100

☒ ATA/100 ☐ ATA/133

Channel: ☒ PM ☐ PS ☐ SM ☐ SS

Channel: ☐ PM ☐ PS ☒ SM ☐ SS

☒ Onboard ☐ AGP 4X

☐ PCI\_Slot:     ☒ On board

LAN Realtek RTL8100BL

PCI\_Slot: . ☒ On board

The following Joystick & Game Pad devices test Game under Windows XP with themselves default driver installed.

Type	Vendor	Product Description
GamePad	Logitech	ThunderPad Digital
		WingMan Extreme USB/Game port
Joystick	Logitech	Wing Man Extreme digital joystick

## 8.5 Power Supply Products

### Test Configuration:

OS Ver ☒ Win ME Ver: 4.90.3000

CPU AMD Athlon XP 2000+(1667MHz) ☒ AMD

Memory Apacer 256MB (Nanya) Total: 512 MB PC1600 ☒ PC2100

HDD WD Caviar WD300 30GB IDE ☒ ATA/100 ATA/133

CD-ROM Pioneer DVD-106S 16X IDE DVD Channel: ☒ PM PS SM SS

VGA VIA KM266 AGP Channel: PM PS ☒ SM SS

Sound Realtek ALC201 AC'97 ☒ Onboard AGP 4X

Mouse Logitech TrackMan Marble Mouse PCI\_Slot: . ☒ On board 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-300KB-1 A Rev:00	300W	ATX
Seventeam	ST-250BLP	250W	ATX
	ST-250GL	250W	ATX
	ST-300BLV	300W	ATX
Enlight	HPC-340-101	340W	ATX
L&C	LC-A250ATX	250W	ATX
Seasonic	SS-250FS	250W	ATX
iCute	P4-3000TC	300W	ATX
Good Vision	XP-375X	375W	ATX
Adiance	PSIV-350-1 V2.03	350W	ATX
SD	SD-300W-12V	300W	ATX
Green An	ATX-1125BTA	300W	ATX
	ENP-0735	350W	ATX
HOPELY	ATX-300SE-P4	300W	ATX
	ATX-300S	300W	ATX
Golden Field	ATX-320WB&P4	300W	ATX
....	ST-ATX325	300W	ATX
STR	SPS-300W Rev:03	300W	ATX
HEDY(..)	DPS-250GB-2A	145W	ATX



Enhance	ENP-2120D	200W	SFX
HOPELY	ATX-180SE-PSIII	180W	SFX

## 9. Software Compatibility Test Suite

### 9.1 Base Operating System

#### 9.1.1 Microsoft Windows 98 SE:

##### Test Configuration:

<b>CPU</b>	AMD Athlon XP 1800+(1533MHz)	<input checked="" type="checkbox"/> AMD
<b>Memory</b>	KingMax 256MB(KingMax)	<b>Total: 512 MB</b> <input type="checkbox"/> PC1600 <input checked="" type="checkbox"/> PC2100
<b>HDD</b>	WD Caviar WD600 60GB IDE	<input checked="" type="checkbox"/> ATA/100 <input type="checkbox"/> ATA/133
		<b>Channel:</b> <input checked="" type="checkbox"/> PM <input type="checkbox"/> PS <input type="checkbox"/> SM <input type="checkbox"/> SS
<b>VGA</b>	VIA KM266 AGP	<input checked="" type="checkbox"/> Onboard <input type="checkbox"/> AGP 4X
<b>Sound</b>	Realtek ALC201 AC'97	<input type="checkbox"/> PCI_Slot:___ <input checked="" type="checkbox"/> On board
<b>CD-ROM</b>	NEC DV-5800A 16X IDE DVD	<b>Channel:</b> <input type="checkbox"/> PM <input type="checkbox"/> PS <input checked="" type="checkbox"/> SM <input type="checkbox"/> SS
<b>LAN</b>	Realtek RTL8100BL	<input type="checkbox"/> PCI_Slot:___ <input checked="" type="checkbox"/> On board
<b>Mouse</b>	Microsoft IntelliMouse Mouse	<input type="checkbox"/> COM <input checked="" type="checkbox"/> 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	
CC WinStone 2002		PASS	27.8

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** AMD Athlon XP 1800+(1533MHz) ☒ AMD  
**Memory** Transcend 256MB(Samsung) **Total: 512 MB** ☐ PC1600 ☒ PC2100  
**HDD** Maxtor 54098H8 40.9GB IDE ☐ ATA/66 ☒ ATA/100 ☐ ATA/133  
**Channel:** ☒ PM ☐ PS ☐ SM ☐ SS  
**VGA** VIA KM266 AGP ☒ Onboard ☐ AGP 4X  
**Sound** Realtek ALC201 AC'97 ☐ PCI\_Slot: ☒ On board  
**CD-ROM** SONY DDU1621 16X IDE DVD **Channel:** ☐ PM ☐ PS ☒ SM ☐ SS  
**LAN** Realtek RTL8100BL ☐ PCI\_Slot: ☒ On board  
**Mouse** Microsoft IntelliMouse 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
System Shutdown	Power button	PASS
	Start → Shut down item	PASS
System Restore	PASS	
CC WinStone 2002	PASS	19.2
WinStone 2001 V1.02	PASS	48.6

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
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MS Windows ME	4.90.3000	English	Microsoft	Pass
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### 9.1.3 Microsoft Windows XP/Home Edition:

#### Test Configuration:

**CPU** AMD Athlon XP 1800+(1533MHz) ☒ AMD  
**Memory** Crucial 256MB(Micron) **Total:** 512 MB ☐ PC1600 ☒ PC2100  
**HDD** Maxtor 6L060J3 60GB IDE ☐ ATA/66 ☐ ATA/100 ☒ ATA/133  
**VGA** VIA KM266 AGP **Channel:** ☒ PM ☐ PS ☐ SM ☐ SS  
**Sound** Realtek ALC201 AC'97 ☒ Onboard ☐ AGP 4X  
**CD-ROM** Pioneer DVD-116 16X IDE DVD **Channel:** ☐ PM ☐ PS ☒ SM ☐ SS  
**LAN** Realtek RTL8100BL **Channel:** ☐ PM ☐ PS ☒ SM ☐ SS  
**Mouse** Microsoft IntelliMouse 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
System Shutdown	Power button	PASS
	Start → Shut down item	PASS
CC WinStone 2002	PASS	24.9
WinStone 2001 V1.02	PASS	50.9

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** AMD Athlon XP 1800+(1533MHz) ☒ AMD  
**Memory** Samsung 512MB(Samsung) **Total: 512 MB** ☐ PC1600 ☒ PC2100  
**HDD** WD Caviar WD1000 100GB IDE ☐ ATA/66 ☒ ATA/100 ☐ ATA/133  
**Channel:** ☒ PM ☐ PS ☐ SM ☐ SS  
**VGA** VIA KM266 AGP ☒ Onboard ☐ AGP 4X  
**Sound** Realtek ALC201 AC'97 ☐ PCI\_Slot: ☒ On board  
**CD-ROM** Panasonic SR-8587-B 16X IDE DVD **Channel:** ☐ PM ☐ PS ☒ SM ☐ SS  
**LAN** Realtek RTL8100BL ☐ PCI\_Slot: ☒ On board  
**Mouse** Microsoft IntelliMouse 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	
System Shutdown	Power button	PASS	
	Start → Shut down item	PASS	
CC WinStone 2002		PASS	27.8
WinStone 2001 V1.02		PASS	53.4

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** AMD Athlon XP 1800+(1533MHz) ☒ AMD  
**Memory** Infineon 512MB(Infineon) **Total:** 1000 MB ☐ PC1600 ☒ PC2100  
**HDD** IBM DTLA-307060 61.4GB IDE ☐ ATA/66 ☒ ATA/100 ☐ ATA/133  
**Channel:** ☒ PM ☐ PS ☐ SM ☐ SS  
**VGA** VIA KM266 AGP ☒ Onboard ☐ AGP 4X  
**Sound** Realtek ALC201 AC'97 ☐ PCI\_Slot:     ☒ On board  
**CD-ROM** Lite-On LTD-163 16X DVD-ROM **Channel:** ☐ PM ☐ PS ☒ SM ☐ SS  
**Mouse** Logitech Mouse+ Mouse ☐ 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** AMD Athlon XP 1800+(1533MHz) ☒ AMD  
**Memory** Apacer 256MB (Nanya) **Total: 256 MB** ☐ PC1600 ☒ PC2100  
**HDD** Fujitsu MPB3032AT 3.2GB IDE ☐ PIO4 ☒ ATA/33  
**VGA** VIA KM266 AGP **Channel:** ☒ PM ☐ PS ☐ SM ☐ SS  
**CD-ROM** Acer DVP 1640A 16X IDE DVD ☒ Onboard ☐ AGP 4X  
**Mouse** Logitech Mouse+ Mouse **Channel:** ☐ PM ☐ PS ☒ SM ☐ SS  
☐ 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.Power Management and Remote functions are also tested.

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

\* Don't driver support VIA KM266 Video , so VGA driver install by OS/2 standard .

\* Don't driver support VIA KT8233A+ALC201 Audio , so Audio driver install by OS/2 standard .

### 9.1.7 LINUX :

#### Test Configuration:

**CPU** AMD Athlon XP 1800+(1533MHz) ☒ AMD  
**Memory** Elixir 256MB (Elixir) **Total: 256 MB** ☐ PC1600 ☒ PC2100  
**HDD** Maxtor 94098H8 40.9GB IDE ☒ ATA/66 ☐ ATA/100  
**VGA** VIA KM266 AGP **Channel:** ☒ PM ☐ PS ☐ SM ☐ SS  
**CD-ROM** Lite-On LTD-122 12X IDE DVD ☒ Onboard ☐ AGP 4X  
**Mouse** Logitech Mouse+ Mouse **Channel:** ☐ PM ☐ PS ☒ SM ☐ SS  
☐ 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

\* Don't driver support VIA KM266 Video , so VGA driver install by Linux standard(default) .

\* Don't driver support VIA KT8233A+ALC201 Audio , so Audio driver install by Linux standard





*(default).*



**Test Engineer:**

**BIOS:** Benson Shen

**OS:** Kai Dane

**I/O :** Leon Liang

**Audio:** Lion Liou

**CPU:** Stevent Huang

**VGA:** Scott Lin

**Memory:** Kevin Lin

**IDE Devices:** Kai Dane

**Check by:** Lion Liou

**Ownership:** Benson Shen