

P5 Verification Test Plan

Release 08E010036

Product Model	PFM-541IWT
Description	AMD LX + CS5536 PC/104 Board
Test Configuration	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> PCB : PFM-541IWT A1.0 <input checked="" type="checkbox"/> BIOS : PFM-541IWT BIOS Rev 1.1 (09/23/2008) <input checked="" type="checkbox"/> Chipset : <input checked="" type="checkbox"/> CPU : Onboard CPU AMD Geode LX 800 500MHz <input checked="" type="checkbox"/> North Bridge : AMD Geode LX 800 <input checked="" type="checkbox"/> South Bridge : AMD Geode CS5536AD <input checked="" type="checkbox"/> VGA Chipset : AMD Geode LX 800 Integrated VGA <input checked="" type="checkbox"/> Ethernet Chipset : Intel 82551IT/ER 10/100 Base-TX <input checked="" type="checkbox"/> I/O Chipset : ITE IT8712KX <input checked="" type="checkbox"/> Remark : P5 Report for PFM-541IWT A1.0
Test Result Summary	
<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Pass with Deviation Comment: _____ _____	

2008/11/03

Issue date

Wenyuan Yang

Manager

Jerry Tsai

Test Engineer

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There are 3 test results in this document; they are described as follows:

Pass: Function worked perfectly

Fail: Function failed and must be modified in the next version

N/A: Outside of specification or no test equipment

Platform Information:

Item	Device Information	Test Item
PCB Model / Version	PFM-541IWT A01.0	
Carrier Board	N/A	
BIOS / Version	PFM-541IWT BIOS Rev 1.1 (09/23/2008)	
CPU Type	Onboard CPU AMD Geode ALXD800EEXJ2VD	
Memory Type	On Board DDR 400 256MB	
SATA	N/A	
Primary IDE Master	Seagate ST3160815A 160GB 3.5" IDE HDD	
Primary IDE Slave	ASUS DVD-E818A DVD-ROM	
CRT	ViewSonic E70 17"	
LCD	N/A	
Compact Flash	N/A	
Backplane	N/A	
Riser Card	N/A	
Expansion Board	N/A	
	N/A	
Operating System	[] Linux-RedHat 9.0 or [X] Fedora Core 4	7
	Windows Server 2003 English Version / Standard Edition 5.2.3790	N/A
	Windows Server 2003 English Version /Standard x64 Edition	N/A
	Windows XP Professional English Version V2002 Service Pack 2	1,2,3,4,5,6,7,8
	Windows XP Professional English Version /Standard x64 Edition	N/A
	Windows 2000 Professional English Version V5.00.2195 Service Pack4	N/A
	Windows Server 2000 English Version	N/A
	Windows 98SE English Version V4.10.2222A	N/A
Power Supply	MS-DOS 6.22 English Version	N/A
	ATX Power Supply : N/A	N/A
	AT Power Supply: LEMACS SP2-4300F 300W AT POWER	1,2,3,4,5,6,7,8
	DC Adapter : N/A	N/A

Test Result for Certification

1. I/O Peripheral Function Test

I/O Function	Result			Note
	Pass	Fail	N/A	
Floppy Connector / Driver A:			X	
Primary IDE Master	X			
Primary IDE Slave	X			
Secondary IDE Master			X	
Secondary IDE Slave			X	
Third IDE Master			X	
Third IDE Slave			X	
RAID 0 Function Test			X	
RAID 1 Function Test			X	
SATA1 / Serial ATA Connector 1			X	
SATA2 / Serial ATA Connector 2			X	
SATA3 / Serial ATA Connector 3			X	
SATA4 / Serial ATA Connector 4			X	
Compact Flash – Type (UDMA)	X			
Compact Flash – Type (PIO)	X			
DOC (Disk On Chip)			X	
DOM (Disk On Module) – 40 Pin			X	Transcend / TS512MDOM40V / 512MB / IDE 40 Pin
DOM (Disk On Module) – 44 Pin	X			Transcend / TS512MDOM44V / 512MB / IDE 44 Pin
COM 1-232	X			
COM 2-232	X			
COM 3-232	X			
COM 4-232	X			
COM 2-422	X			
COM 2-485	X			
PS/2 Mouse & Keyboard (Internal)			X	
PS/2 Mouse & Keyboard (External)	X			
Audio Connector			X	
Audio 5.1 Channel / S/P DIF			X	
LPT 1	X			
SIR / 115.2 Kbps			X	
FIR / 4M bps			X	
USB 1/2 Ports	X			
USB 3/4 Ports	X			
USB 2.0 1/2 Ports	X			
USB 2.0 3/4 Ports	X			
DVI Function			X	
DIO Connector			X	
Card Bus			X	
PC/104	X			
PC/104-Plus			X	
PCI-104			X	
CD-In Connector			X	
TFT TTL LCD	X			
TFT LVDS LCD			X	
TV-out / S Terminal			X	

TV-out / AV Terminal			X	
Touch Screen – 8 Wire			X	
Touch Screen – 4/5 Wire			X	
DIMM Slots			X	
Watchdog IRQ n	X			
Watchdog Software Control	X			
FAN1 Connector			X	
FAN2 Connector			X	
Express card			X	
Speaker Connector			X	
LCD Backlight Power Connector			X	
DC in Connector			X	
PCI Express Mini Card			X	
Power Button	X			
Battery Connector	X			
Front Panel (CN34)	Result			Notes
	Pass	Fail	N/A	
Power On Button			X	
IDE LED			X	
External Buzzer			X	
On Board Buzzer	X			
Power LED	X			
Reset Switch			X	
Keyboard Lock			X	
Jumpers Function	Result			Notes
	Pass	Fail	N/A	
BIOS write protection Selection and boot Selection			X	
Backlight enable level Selection and LVDS Power Selection			X	
COM1 +5V/RING Selection	X			
COM2 +5V/RING Selection	X			
Auto Power button Selection and power on selection			X	
Power source selection			X	
FAN Power Selection			X	
CMOS Clear Selection	X			
LCD Brightness and speaker level Selection			X	
Power Connector & Function	Result			Notes
	Pass	Fail	N/A	
Standard AT Power Connector			X	
Standard ATX Power Connector			X	
5V Only Power Connector	X			
DC Adapter			X	
LAN Connector & Function	Result			Notes
	Pass	Fail	N/A	
LAN Link / Speed LED	LAN1	X		
	LAN2	X		
LAN Active LED	LAN1	X		
	LAN2	X		
LAN 10/100 Ethernet	X			
LAN 1G Ethernet			X	

PCI Connector & Function	Result			Notes
	Pass	Fail	N/A	
Mini PCI Slot			X	
PCI Slot			X	
PCI Express x1			X	
Express card			X	

2. Power Consumption Test (Run Prime95 Program)

Platform Information:

CPU Board	PFM-541IWT
Carrier Board	N/A
BIOS	PFM-541IWT BIOS Rev 0.7 (06/03/2008)
CPU	On Board CPU AMD Geode LX 800 500MHz
Memory	On Board DDR400 256MB
Operating System	English Windows XP Professional Service Pack 2 V2002
CRT	ViewSonic E70 17"
LCD	N/A
Compact Flash	N/A
Chipset Software	Geode LX AES Crypto Driver 2.1.0.0 (10/28/2005)
Graphics Media	Advanced Micro Devices Win XP Graphics Driver 3.0.2.0 (11/22/2005)
LAN Driver	Intel 8255Xer PCI Adapter 1.0.0.1 (5/27/1999)
Audio Driver	N/A
Touchscreen Driver	N/A
Power Supply	LEMACS SP2-4300F 300W AT POWER

Test Equipment:

Equipment	AC/DC Clamp Meter
Manufacturer	PROVA
Model name	CM-01
Standard	Reference to CE EN 61010 Test Procedure
	Reference to UL Test Procedure

Equipment Certified Calibration:

Calibrated Company	IPE (儀寶)
S/N	00004072 (DM215)
Report No	7C21P566
Calibration Date	Jan. 14,2008
Next Calibration Date	Jan. 13, 2009

Test By	Mick
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- Test Point:**
1. Power on machine and boot into Windows environment
 2. Run test software: Prime95 to make system heavy loading in order to measure its maximum current
 3. Use Prova EN61010(set as 40A) to measure each current of system different mode

Test Environment	ATX Power: N/A		AT Power: ZECK ZKS-300W		Note
Model					
CPU	N/A		On Board CPU AMD Geode LX 800 500MHz		
HDD	N/A		SEAGATE ST340016A 40G 3.5" IDE HDD		
RAM	N/A		On Board DDR400 256MB		
OS Environment	N/A		English Windows XP Professional Service Pack 2 V2002		
Normal Mode (+5V)	N/A	A	1.83	A	
Suspend Mode (+5V)	N/A	A	N/A	A	
5VSB in Power Off Mode (just for ATX)	N/A	A	-----	A	
5VSB in Power On Mode (just for ATX)	N/A	A	-----	A	
Normal Mode (+12V)	N/A	A	N/A	A	
Suspend Mode (+12V)	N/A	A	N/A	A	
Normal Mode (+3.3V) (just for ATX)	N/A	A	-----	A	
Suspend Mode (+3.3V) (just for ATX)	N/A	A	-----	A	
Normal Mode (-12V)	N/A	A	N/A	A	
Suspend Mode (-12V)	N/A	A	N/A	A	
Normal Mode (-5V)	N/A	A	N/A	A	
Suspend Mode (-5V)	N/A	A	N/A	A	

3. Timer Accuracy Test

System Clock & RTC Clock Test				
Test Method	Margin for error	Result		
		Pass	Fail	N/A

System Clock in Power On Mode	±2 second during 24 hours	X		
RTC Clock in Power On Mode	±2 second during 24 hours	X		
RTC Clock in Power Off Mode	±2 second during 24 hours	X		
Watchdog Timer Test		Result		
		Pass	Fail	N/A
Time-out Interval	10 sec	X		
	60 sec	X		
	255 sec	X		

4. Network HUB / LAN Connection Test

Location		LED Type				Result		
						Pass	Fail	N/A
LAN1 LED		Active LED				X		
		Link / Speed LED				X		
LAN2 LED		Active LED				X		
		Link / Speed LED				X		
Location	Speed	HUB Type	Cable Length	HUB Speed	Onboard LAN Speed	Result		
						Pass	Fail	N/A
Onboard LAN1	10/100/1000 Mbps	D-Link DGS-1008T	100M	1GBps	100	X		
		Accton DeskTop-3005	100M	100 MBps	100	X		
		SVEC FD916H (10 Mbps HUB)	100M	10 MBps	10	X		
Onboard LAN2	10/100/1000 Mbps	D-Link DGS-1008T	100M	100 MBps	100	X		
		Accton DeskTop-3005	100M	100 MBps	100	X		
		SVEC FD916H (10 Mbps HUB)	100M	100 MBps	100	X		

5. Hardware Compatibility

CPU Compatible Test							
CPU Type		FSB	Prime95 Version	Result			
				Pass	Fail	N/A	
AMD Geode LX 800 500MHz		33	V24.14	X			
Memory Compatibility Test							
Memory Brand	Memory Chipset	Frequency	Size	Mem Test86 Version	Result		
					Pass	Fail	N/A
Onboard DDR	701VR V58C2512164SAJ5I	400	256	V1.70	X		
Audio Basic Function Test					Result		

		Pass	Fail	N/A		
System Sound				X		
CD_In				X		
CD_In Sound Recorder				X		
Play Sound Recorder				X		
Line Out				X		
Line In				X		
Line In Sound Record				X		
MIC Speaker	Dynamic			X		
	Condenser			X		
MIC Sound Recorder	Dynamic			X		
	Condenser			X		
Audio 5.1 Channel with S/P DIF Function Test		Result				
		Pass	Fail	N/A		
2-channel mode for stereo speaker output				X		
4-channel mode for 4 speaker output				X		
6-channel mode for 5.1 speaker output				X		
S/P DIF function Test	Input			X		
	Output			X		
On Board TV Function Test		Result				
		Pass	Fail	N/A		
NTSC	AV Terminal			X		
PAL				X		
NTSC	S Terminal			X		
PAL				X		
TFT LCD Model		Result				
		Pass	Fail	N/A		
LVDS	AUO G065VN01 V.0 / 6.5" / 640x480 / 18bit (4:3)			X		
	AUO G065VN01 V.0 / 6.5" / 640x480 / 24bit (4:3)			X		
	AU G084SN05 V.3 / 8.4" / 800*600 / 18bit (4:3)			X		
	AU G150XG01 V.0 / 15" / 1024*768 / 18bit (4:3)			X		
	AU M150XN07 V.2 / 15" / 1024x768 / 24bit (4:3)			X		
	AU M170EG01 V.D/ 17" / 1280*1024 / 48bit (4:3)			X		
	AU M170XW01 V.1 / 17" / 1280x768 / 24bit (16:9)			X		
	AUO T260XW02 / 26" / 1366x768 / 24bit			X		
	AU M201UN02 V.5 / 20.1" / 1600x1200x48bit			X		
	AUO T370HW01 / 37" / 1920x1080 / 48bit			X		
TTL	Toshiba LTM10C209A / 10.4" / 640*480 / 18bit (4:3)	X				
	NEC NL8060AC31-12 / 12.1" / 800*600 / 18bit (4:3)	X				
	Sharp LQ121S1DG11 / 12.1" / 800*600 / 18bit (4:3)			X		
	LG LM151X2-C2TH / 15.1" / 1024x768 / 18bit (4:3)	X				
	Fujitsu FLC38XGC6V-06 / 15" / 1024*768 / 36bit (4:3)			X		
PCI Slot Function (PCI Adapter Card) Test						
Model		Type		Result		
				Pass	Fail	N/A

CHAINTECH NVIDIA GeForce4 MX440-8X	VGA Card			X
Creative Sound BLASTER Live5.1	Sound Card			X
Takram DC-395U V1.02	SCSI Card			X
ADAPTEC Ultra160 SCSI ASC-29160	SCSI Card			X
I-VIEW CP-1400AS (with Age STD-477FAI CCD)	Capture Card			X
Intel GD82559 10/100 Mbps Fast Ethernet Adapter	LAN Card			X
3Com 3C905C-TXM ETHERLINK 10/100 PCI	LAN Card			X
D-Link DWL-520+ Wireless LAN	LAN Card			X
ADAPTEC 1420SA RoHS 4-Port SATA II RAID	RAID Card			X
LEMEL MD V1456VQH-P2 PCI MODEM Card	Modem Card			X
D-Link DU-520 USB 2.0	USB Hub Card			X
Tekram TR-822 Serial ATA 150 [SA-001] + SATA HDD Seagate ST3120026AS 120GB	SATA Card			X
PCI-Express Function Test				
Model	Result			
	Pass	Fail	N/A	
SUNIX SATA1414 VER 1.1 PCI-Express x1 SATA Card (Just for CN39)			X	
SksKonnnect SK-9E21D 10/100/1000 Base-T Adapter PCI-Express x1 LAN Card			X	
Adaptec AAR-1430SA SATAII HostRAID Controllers PCI-Express x4 RAID Card			X	
ASUS EAX1600PRO/TD/256M/A (ATI Chipset) PCI-Express x16 VGA Card			X	
WinFast PX6200 TC TDH PCI-Express x16 VGA Card			X	
SUNIX SATA II Express card (+ eSATA HDD External Box) (CN3)			X	
Bear Mini-Express Function Test Card (CN47)			X	
HDD Compatibility Test				
Model	Result			
	Pass	Fail	N/A	
SEAGATE ST340016A 40G 3.5" IDE HDD	X			
Western Digital WD800JB-00JJC0 80GB 3.5" IDE HDD	X			
Seagate ST3160815A 160GB 3.5" IDE HDD	X			
Western Digital WD1600AAJS-00B4A0 160GB 3.5" IDE HDD	X			
CD-ROM Compatibility Test				
Model	Result			
	Pass	Fail	N/A	
ASUS DVD-ROM DVD-E616A	X			
Pioneer DVD-ROM DVD-126D	X			
IBM GCR-8480B	X			
IBM HL-DT-ST / GCR-8480B / 48X / CD-ROM/ ATA33	X			
IDE Cable Function test				
IDE Model	Result			
	Pass	Fail	N/A	

40 Pin Cable ATA100			X
44 Pin Cable ATA33	X		
80 Pin Cable ATA100			X
USB Function Test			
USB Basic Function Test	Result		
Remark: (1) CN14 is special connector that has only on1 USB port. (2) USB speed is limited at USB 1.X no matter USB 2.0 in BIOS is enabled or not.	Pass	Fail	N/A
USB Controller	X		
USB 2.0 Controller	X		
USB Keyboard Support	X		
USB Mouse Support	X		
USB 1.1 Compatible Test	Result		
	Pass	Fail	N/A
USB 1.1 Compatible Test	X		
USB 2.0 Compatible Test	Result		
	Pass	Fail	N/A
USB 2.0 Compatible Test	X		
USB 2.0 Function Test	Result		
	Pass	Fail	N/A
Install Windows XP Professional from HighSpeed Device: SONY USB2.0 DVD-R/W DRX-830UL	X		
USB Device Full Loading Test	Result		
Model	Pass	Fail	N/A
USB1	X		
USB2	X		
USB3	X		
USB4	X		
USB5			X
USB6			X
USB7			X
USB8			X
Floppy Disk Controller Function Test	Result		
	Pass	Fail	N/A
Copy and compare file between C: and A / B:			X
Change Floppy to None value			X
Swap FDD			X
Peripheral Compatibility-Storage Device			
Model	Interface	Result	
		Pass	Fail
MO [SCSI]	SCSI		X
ZIP 100 [Parallel]	Parallel		X
IOMega ZIP100MB Internal ATAPI Drive	IDE		X
DOC			X

Type-I CF	Fix / PIO Mode			X
Type-I CF	Fix / UDMA Mode			X
Digital I/O Connector Test (BIOS Setting: 8 In / 8 Out / 4 In, 4out)		Result		
		Pass	Fail	N/A
Input Address: 801H (Fixed on BIOS)				X
Output Address:				X
VCC: (5V)				X
DIO-1 Function Test				X
DIO-2 Function Test				X

Adapter Compatibility- Industry Control Card PC/104, PC/104+, PCI-104 Modules

Interface	Model	Type	Result		
			Pass	Fail	N/A
PC/104	AAEON PCM-5600	Modem Module			X
	AAEON PCM-3115B	PCMCIA Module			X
PC/104+	AAEON PCM-3430	SCSI Module			X
PCI-104	AAEON PCM-FA00	Mini-PCI Converter			X
	AAEON PCM-3794	SCSI Module			X
	AAEON PCM-3730	Intel 82559 LAN Module			X

On-Board RAID Function Test

Model	Interface	Result		
		Pass	Fail	N/A
Set SATA HDDs as RAID 0	SATA			X
Set SATA HDDs as RAID 1	SATA			X
Set SATA HDDs as RAID 10	SATA			X
Set SATA HDDs as RAID 5	SATA			X

COM Function Test

Remark: COM1 ~ COM4 (from ITE-IT8712KX)	Result		
	Pass	Fail	N/A
COM Port Burn In Test overnight	X		

Disk On Module [DOM] Compatibility Test

Model	Interface	Result		
		Pass	Fail	N/A
Transcend / TS512MDOM40V / 512MB	IDE 40 Pin			X
Transcend / TS512MDOM44V / 512MB	IDE 44 Pin	X		

Mini PCI Card Compatibility Test

Model	Interface	Result		
		Pass	Fail	N/A
GM-100 WLAN 11g Mini PCI Card (Model: Sky Thru GC-100)	LAN			X
GM-101 WLAN 11b/g 54Mbps Mini PCI Card (Model: VNT6655AM)	LAN			X
PER-C20S SATA RAID MiniPCI Card (Silicon Image Sil3512ECTU128 QF7227.1-1)	SATA			X

COM/LPT Ports & RS-232/422/485 Function Test

Result		
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	Pass	Fail	N/A
RS-422 for COM2	X		
RS-485 for COM2	X		
COM1	X		
COM2	X		
COM3	X		
COM4	X		
COM5			X
COM6			X
LPT1	X		
LPT2			X
Card Bus(PCMCIA) Compatibility Function Test			
Model	Result		
	Pass	Fail	N/A
Intel PRO/Wireless 2011B LAN PC Card (WPC2011BWW)			X
PQI 16MB Compact Flash Adapter (64MB PQI CF Card inserting)			X
Kingston datapack DP-PCM2 / 2GB (PC Card TypeII HDD)			X
PCi GW-NS54SG Cardbus Adapter Wireless LAN Type-II			X

7. O.S. Compatibility Test

Installation Operation System Compatibility Test		Result			
		Pass	Fail	N/A	
Linux-Red-Hat 9.0 Kernel 2.4.20-8				X	
Fedora Core 2.6.12-1.1387 FC4		X			
Windows Server 2003 English Version / Standard Edition 5.2.3790				X	
Windows XP Professional English Version V2002 Service Pack 2		X			
Windows 2000 Professional English Version V5.00.2195 Service Pack 4				X	
Windows 98SE English Version V4.10.2222A				X	
Windows XP Professional English Standard Version x64 Edition				X	
Windows Vista™ Ultimate x64 Edition English Version				X	
Utility and Driver Test					
OS	Drivers Version		Result		
			Pass	Fail	N/A
Fedora Core 2.6.12-1.1387 FC4	Chipset Software	Default Driver	X		
	Graphics Media	Default Driver	X		
	LAN 1 Driver	Default Driver	X		
	LAN 2 Driver	Default Driver	X		
	Audio Driver	Default Driver	X		
Windows Server 2003 English Version / Standard Edition 5.2.3790	Chipset Software	N/A			X
	Graphics Media	N/A			X
	LAN Driver	N/A			X
	Audio Driver	N/A			X

Windows XP Professional English Version V2002 Service Pack 2	Chipset Software	Geode LX AES Crypto Driver 2.1.0.0(10/28/2005)	X		
	Graphics Media	Advanced Micro Devices Win XP Graphics Driver 3.0.2.0 (11/22/2005)	X		
	LAN Driver	Intel 8255xER PCI Adapter 1.0.0.1(5/27/1999)	X		
	Audio Driver	N/A	X		
Windows 2000 Professional English Version V5.00.2195 Service Pack 4	Chipset Software	N/A			X
	Graphics Media	N/A			X
	LAN Driver	N/A			X
	Audio Driver	N/A			X
Windows 98SE English Version V4.10.2222A	Chipset Software	N/A			X
	Graphics Media	N/A			X
	LAN Driver	N/A			X
	Audio Driver	N/A			X
Windows XP Professional English Standard Version x64 Edition	Chipset Software	N/A			X
	Graphics Media	N/A			X
	LAN Driver	N/A			X
	Audio Driver	N/A			X
Windows Vista™ Ultimate x64 Edition English Version	Chipset Software	N/A			X
	Graphics Media	N/A			
	LAN Driver	N/A			X
	Audio Driver	N/A			X

8. BIOS Function Test

Test Item	Result		
	Pass	Fail	N/A
Memory Beep Test	X		
Standard CMOS Setup Test	X		
Boot Sequence Test	X		
Power Management Test			
APM Power Management Test	X		
ACPI Power Management Test			X
Power On Function Test			X
Wake Up Event Test	X		
Power On after Power Failure Test (SW has removed auto item from BIOS)	X		
CMOS Backup / Clear CMOS Test	X		
Boot ROM Test (Only support PXE)			X
Supervisor / User Password Test	X		
CRT / LCD / TV Function Test	X		
TV Standard Function Test			X
Init Display First Function Test			
1. BIOS has fixed it as onboard output while we select "Onboard VGA" 2. There is no PCI Express slot on ECB-910A	X		

On-Chip Serial ATA Function Test	X		
SATA Mode-IDE/RAID Function Test			X
PC Health Status			
Voltage Monitor Test	X		
FAN Speed Monitor Test			X
Temperature Monitor Test	X		
Floppy Function Test	X		
USB Onboard Device Function Test	X		
COM Address / IRQ Test	X		
LPT Address / IRQ Test	X		
BIOS AWDFLASH Program Test	X		

9. Performance Test

CPU Board	PFM-541IWT A1.0
Carrier Board	N/A
BIOS	PFM-541IWT BIOS Rev 1.1 (09/23/2008)
Operating System	English Windows XP Professional Service Pack 2 V2002
CPU	Onboard CPU AMD Geode LX 800 500MHz
Memory	Onboard DDR400 256MB
SATA HDD	N/A
Primary IDE Master	Seagate ST3160815A 160GB 3.5" IDE HDD
Primary IDE Slave	N/A
CRT	ViewSonic E70 17"
LCD	N/A
Compact Flash	N/A
Chipset Software	Geode LX AES Crypto Driver 2.1.0.0 (10/28/2005)
Graphics Media	Advanced Micro Devices Win XP Graphics Driver 3.0.2.0 (11/22/2005)
LAN Driver	Intel 8255Xer PCI Adapter 1.0.0.1 (5/27/1999)
Audio Driver	N/A
Touchscreen Driver	N/A
Power Supply	LEMACS SP2-4300F 300W AT POWER

Test Result:

Testing Software	Result	Unit
PCMark2002		
CPU	611	
Memory	1842	
HDD	795	

Final Reality V1.01—BenchMark Test		
2D image	3.93	
3D	0.47	
Bus transfer	8.74	
Overall	2.75	Reality marks
3Dmark2001		
3DMark2001SE Build 330_Benchmark mode	N/A	

Test Result:

Testing Software	Result	Unit
PCMark05		
PCMark	N/A	PCMarks
CPU	301	
Memory	579	
Graphics	N/A	
HDD	3388	
3Dmark2003 v360		
3Dmark Score	N/A	
CPU Score	N/A	