

P5 Verification Test Plan

Release No : 08P010016

Product Model	AEC-6510
Description	IP-65 Embedded Controller
Test Configuration	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> System : AEC-6510 <input checked="" type="checkbox"/> PCB : Gene-5315 B1.0 <input checked="" type="checkbox"/> BIOS : AEC-6510 BIOS Rev.1.0 (07/23/2008) <input checked="" type="checkbox"/> Riser Card : N/A <input checked="" type="checkbox"/> Inverter : N/A <input checked="" type="checkbox"/> Daughter Board : N/A <input checked="" type="checkbox"/> I/O Board : N/A <input checked="" type="checkbox"/> LCD : N/A <input checked="" type="checkbox"/> Touch Panel : N/A <input checked="" type="checkbox"/> Power Board : 1907P02D03 Rev:A1.1 <input checked="" type="checkbox"/> M/B Chipset : <input checked="" type="checkbox"/> Chipset : AMD LX series + CS5536 <input checked="" type="checkbox"/> VGA Chipset : AMD Geode LX Processors integrated graphic <input checked="" type="checkbox"/> Audio Chipset : N/A <input checked="" type="checkbox"/> Ethernet Chipset : Realtek RTL8139DL, 10/100Mbps <input checked="" type="checkbox"/> I/O Chipset : ITE IT8712 <input checked="" type="checkbox"/> TV Chipset : N/A <input checked="" type="checkbox"/> Remark : QE P5 Report for AEC-6510
Test Result Summary	
<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Pass with Deviation Comment: _____ _____	

2008/10/16

Issue date

Wenyuan Yang

Manager

Eva Yeh

Test Engineer

Summary Table of contents :

Summary Table of contents	2
Platform Information	3
1. I/O Peripheral Function Test	4
2. Power Connector Test	6
3. Timer Accuracy Test	6
4. Network HUB / LAN Connection Test	6
5. Hardware compatibility	7
6. O.S. Compatibility Test	12
7. BIOS Function Test	14
8. Performance Test	15

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
System	AEC-6510	1,2,3,4,5,6,7,8
PCB Model / Version	GENE-5315 B1.0	1,2,3,4,5,6,7,8
BIOS / Version	AEC-6510 BIOS Rev.1.0 (07/23/2008)	1,2,3,4,5,6,7,8
CPU Type	AMD LX 800 Processor (500MHz)	1,2,3,4,5,6,7,8
Memory Type	DSL 512MB DDR333(HynixHY5DU121622DTP-J)	1,2,3,4,5,6,7,8
SATA	N/A	N/A
Primary IDE Master	N/A	N/A
Primary IDE Slave	N/A	N/A
CRT	ViewSonic E70	1,2,3,4,5,6,7,8
LCD	N/A	N/A
Compact Flash	Transcend CF Card 4GB for Industrial TS4GCF45I-D	1,2,3,4,5,6,7,8
Riser Card	N/A	N/A
Inverter	N/A	N/A
Daughter Board	N/A	N/A
I/O Board	N/A	N/A
LCD	N/A	N/A
Touch Panel	N/A	N/A
Power Board	1907P02D03 Rev:A1.1	N/A
Operating System	[] Linux-RedHat 9.0 or [X] Fedora Core 5.0	6
	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 3	1,2,3,4,5,6,7,8
	Windows XP Professional Simplified-Chinese Version V2002 Service Pack 2	N/A
	Windows XP Professional Japanese Version V2002 Service Pack 2	N/A
	Windows XP Professional English Version /Standard x64 Edition	N/A
	Windows 2000 Professional English Version V5.00.2195 Service Pack4	N/A
	Windows 2000 Professional Simplified-Chinese Version V5.00.2195 Service Pack4	N/A
	Windows 2000 Professional Japanese Version V5.00.2195 Service Pack4	N/A
	Windows Server 2000 English Version	N/A
	Windows 98SE English Version V4.10.2222A	N/A
MS-DOS 6.22 English Version	N/A	
Power Supply	SINPRO MPU50-105 Switching Power Supply	1,2,3,4,5,6,7,8

Test Result for Certification

1. I/O Peripheral Function Test

I/O Peripheral Function Test –I/O Function	Result		
	Pass	Fail	N/A
Floppy Connector / Driver A:			X
Primary IDE Master(CFD: Transcend CF Card 4GB for Industrial)	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 I	X		
Compact Flash – Type II			X
DOC (Disk On Chip)			X
DOM (Disk On Module) – 40 Pin			X
DOM (Disk On Module) – 44 Pin			X
COM 1-232	X		
COM 2-232	X		
COM 2-422	X		
COM 2-485	X		
COM 2-Ring /+5V /+12V			X
COM 3-232			X
COM 4-232			X
COM 5-232			X
COM 6-232			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
LPT 2			X
SIR / 115.2 Kbps			X
FIR / 4M bps			X
USB Ports	X		
USB 3/4 Ports			X
USB 5/6 Ports			X
USB 7/8 Ports			X
USB 2.0 Ports	X		
USB 2.0 3/4 Ports			X

USB 2.0 5/6 Ports			X
USB 2.0 7/8 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 – 5 Wire			X
DIMM Slots	X		
Watchdog IRQ n			X
Watchdog Software Control	X		
CPU FAN Connector			X
System FAN Connector			X
Front Panel	Result		
	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		
	Pass	Fail	N/A
ATX simulates AT			X
Audio Out Selection (W/O & W/ Amplifier)			X
LCD Power Select			X
COM1-Ring/5V/12V Selection			X
COM2-Ring/5V/12V Selection			X
COM2 RS-232/422/485 Selection (Depends on BIOS)			X
COM3-Ring/5V/12V Selection			X
COM4-Ring/5V/12V Selection			X
Clear CMOS	X		
Touch Screen Operating Mode Selection			X
Clock Shift of TFT LCD			X
Power Connector & Function	Result		
	Pass	Fail	N/A
5V only Power for Big 4P			X
ATX Power Connector			X

ATX Power_12V Connector				X
AT Power Connector				X
Big 4P Power Connector				X
Mini 4P Power Connector				X
External Power Connector		X		
Option ATX Power Connector (PS-ON / +5VSB)				X
LAN Connector & Function		Result		
		Pass	Fail	N/A
LAN Speed LED	LAN1			X
	LAN2			X
LAN Active LED	LAN1			X
	LAN2			X
LAN Link LED	LAN1			X
	LAN2			X
LAN 10/100 Ethernet		X		
LAN 1G Ethernet				X
PCI Connector & Function		Result		
		Pass	Fail	N/A
Mini PCI Slots				X
PCI Slots				X
PCI Express				X

2. Power Connector Test (110V / 220V)

Test Method	Result		
	Pass	Fail	N/A
ATX Connector - Power On/Off for 10 times in DOS			X
AT Connector - Power On/Off for 10 times in DOS			X
5V Only - Power On/Off for 10 times in DOS			X

3. Timer Accuracy Test

System Clock & RTC Clock Test				
Test Method	Margin for error	Result		
		Pass	Fail	N/A
RTC Clock in Power On Mode	±3 second during 24 hours	X		
RTC Clock in Power Off Mode	±3 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
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						Pass	Fail	N/A
LAN1 LED		Active LED						X
		Link LED						X
		Speed LED						X
LAN2 LED		Active LED						X
		Link LED						X
		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-1008D	100M	1GBps	100 M	X		
		Accton DeskTop-3005	100M	100 MBps	100 M	X		
		SVEC FD916H (10 Mbps HUB)	100M	10 MBps	10 M	X		

5. Hardware Compatibility

CPU Compatible Test								
CPU Type			FSB	Prime95 Version	Result			
					Pass	Fail	N/A	
AMD LX 800 Processor			500 MHz	V2414	X			
				V2414				
Memory Compatibility Test								
Memory Brand	Memory Chipset	Frequency	Size	MemTest86 Version	Result			
					Pass	Fail	N/A	
DSL 512MB DDR333	HynixHY5DU121622DT P-J	333	512M	V1.7	X			
DDR400 SODIMM 256MB	ELPIDA DD2508AMTA	400	256M	V1.7	X			
Kingston DDR333 SODIMM 256MB	NANYA NT5DS16M16CT-6K 54937300CP	333	256M	V1.7	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	
On Board LCD Function Test					
TFT LCD	Type	Voltage	Result		
			Pass	Fail	N/A
LVDS	AUO G065VN01 V.0 / 6.5" / 640x480 / 18bit (4:3)	3.3V			X
	AUO G065VN01 V.0 / 6.5" / 640x480 / 24bit (4:3)	3.3V			X
	AU B104SN02 / 10.4" / 800*600 / 18bit (4:3)	3.3V			X
	AU G150XG01 V.0 / 15" / 1024*768 / 18bit (4:3)	3.3V			X
	AU M150XN07 V.2 / 15" / 1024x768 / 24bit (4:3)	3.3V			X
	AU M170EG01 / 17" / 1280*1024 / 48bit (4:3)	5V			X
	AU M170XW01 V.1 / 17" / 1280x768 / 24bit (16:9)	5V			X
	AUO T260XW02 / 26" / 1366x768 / 24bit				X
	AU M201UN02 V.5 / 20.1" / 1600x1200x48bit	5V			X
	AUO T370HW01 / 37" / 1920x1080 / 48bit				X
TTL	Toshiba LTM10C209A / 10.4" / 640*480 / 18bit (4:3)	5V			X
	NEC NL8060AC31-12 / 12.1" / 800*600 / 18bit (4:3)	3.3/5V			X
	Sharp LQ121S1DG11 / 12.1" / 800*600 / 18bit (4:3)	3.3V			X
	LG LM151X2-C2TH / 15.1" / 1024x768 / 18bit (4:3)	3.3V			X
	Fujitsu FLC38XGC6V-06 / 15" / 1024*768 / 36bit (4:3)	5V			X
PCI Slot Function (PCI Adapter Card) Test					
Model	Type	Result			
		Pass	Fail	N/A	
CHANTECH NVIDIA GeForce4 MX440-8X	VGA Card			X	
SC3000 CMI8738/C3DX	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
ISA Slot Function Test	Result			
	Pass	Fail	N/A	
Creative CT4170 Sound Blaster Sound Card				X
Adaptec AHA-1510/20/22B SCSI Card				X
PCI-Express Function Test				
Model	Result			
	Pass	Fail	N/A	
SUNIX SATA1414 VER 1.1 PCI-Express x1 SATA Card				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
HDD Compatibility Test				
Model	Result			
	Pass	Fail	N/A	
Maxtor /Fireball 3 / 40GB / ATA-133				X
Western / WD800JB / 40GB / ATA-100				X
FUJITSU / MPE 3136AH / 13.6GB / ATA-66				X
Seagate / ST340014A / 40GB / Barracuda 7200.7				X
Seagate / ST3160812A / 160GB/ATA100				X
Quantum / Fireball Plug AS / 30GB / ATA-100				X
Seagate / ST380013A / 80GB / ATA-100				X
Western Digital/WD400BB-75DEA0 / 40GB / ATA-100				X
Western Digital/WD8800JD-00LSA0 / 80GB / ATA-100/SATA				X
CD/DVD-ROM Compatibility Test				
Model	Result			
	Pass	Fail	N/A	
TEAC CD-ROM CD-540E 40X				X
BenQ DW1655 OB2 16 x DVD ReWriter				X
Acer DVP1640A / 16X / DVD-ROM / ATA33				X
Pioneer / DVR-A11FXC1 / 8X DVD-RW / 6X DVD-RW / ATA66				X
Pioneer / DVD-126D / 16X / DVD-ROM / ATA66				X
Pioneer / DVD-121 / 16X / DVD-ROM / ATA66				X
SAMSUNG / SH-W08 / DVD+R 8X / DVD-R 8X / CD-R 32X / ATA33				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		
	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: USB2.0 DRW-1604P-D/WHT/G/ASUS	X		
USB Device Full Loading Test	Result		
	Pass	Fail	N/A
Model			
USB 2.0 HUB PowerSync / 4 Port UH-204	X		
Mitsumi FLL3.5 D353GUE/FUE	X		
ASUS USB2.0 DRW-1604P-D/WHT/G	X		
USB Keyboard	X		
USB Mouse	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
FUJITSU MCB3064SS	SCSI		X
IOMega ZIP 100 parallel port	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	Result		

		Pass	Fail	N/A	
Input Address:				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 SCSI Function Test					
Model		Interface	Result		
			Pass	Fail	N/A
RICOH MP7060S		SCSI-CDROM 24X			X
Fujitsu MCB3064SS		SCSI-MO Device			X
Seagate 32155W		SCSI-HDD 2.15GB			X
IBM DNES-309170		SCSI-HDD 9GB			X
Seagate ST39205LW/P		9GB / Ultra160 / LVD			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			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			
	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

6. O.S. Compatibility Test

Installation Operation System Compatibility Test	Result		
	Pass	Fail	N/A
[] Linux-RedHat 9.0 or [] Fedora Core 4.0 [X] Fedora Core 5.0	X		
Windows Server 2003 English Version / Standard Edition 5.2.3790			X
Windows Server 2003 English Version /Standard x64 Edition			X
Windows XP Professional English Version V2002 Service Pack 3	X		
Windows XP Professional Simplified-Chinese Version V2002 Service Pack 2			X
Windows XP Professional Japanese Version V2002 Service Pack 2			X
Windows XP Professional English Version /Standard x64 Edition			X
Windows 2000 Professional English Version V5.00.2195 Service Pack4			X
Windows 2000 Professional Simplified-Chinese Version V5.00.2195 Service Pack4			X
Windows 2000 Professional Japanese Version V5.00.2195 Service Pack4			X
Windows Server 2000 English Version			X
Windows 98SE English Version V4.10.2222A			X
DOS 6.22 English Version			X
DOS 6.22 Japanese Version			X
Utility and Driver Test			

OS	Drivers Version		Result		
			Pass	Fail	N/A
Linux Fedora Core 5 (2.6.15-1.2054_FC5)	Chipset Software	Default Setting	X		
	Graphics Media	Default Setting	X		
	LAN Driver	Default Setting	X		
	Audio Driver	N/A			X
Windows Server 2003 English Version Standard Edition 5.2.3790	Chipset Software				X
	Graphics Media				X
	LAN Driver				X
	Audio Driver				X
Windows Server 2003 English Version Standard x64 Edition	Chipset Software				X
	Graphics Media				X
	LAN Driver				X
	Audio Driver				X
Windows XP Professional English Version V2002 Service Pack 3	Graphics Media	Advanced Micro Devices WinXP Graphics Driver Ver: 3.0.2.0 (11/22/2005)	X		
	AES Driver	Geode LX AES Crypto Driver Ver: 2.1.0.0 (10/28/2005)	X		
	LAN Driver	Realtek RTL8139/810x Family Fast Ethernet NIC Ver:5.505.1004.2002 (10/4/2002)	X		
	Audio Driver				X
Windows XP Professional Simplified-Chinese Version V2002 Service Pack 2	System				X
	Graphics Media				X
	LAN Driver				X
	Audio Driver				X
Windows XP Professional Japanese Version V2002 Service Pack 2	System				X
	Graphics Media				X
	LAN Driver				X
	Audio Driver				X
Windows XP Professional x64 Edition English Version Service Pack 2 V2002	Chipset Software				X
	Graphics Media				X
	LAN Driver				X
	Audio Driver				X
Windows 2000 Professional English Version V5.00.2195 Service Pack 4	Chipset Software				X
	Graphics Media				X
	LAN Driver				X
	Audio Driver				X
Windows 2000 Professional Simplified-Chinese Version V5.00.2195 Service Pack4	Chipset Software				X
	Graphics Media				X
	LAN Driver				X
	Audio Driver				X
Windows 2000 Professional	Chipset Software				X

Japanese Version V5.00.2195 Service Pack4	Graphics Media				X
	LAN Driver				X
	Audio Driver				X
Windows Server 2000 English Version	Chipset Software				X
	Graphics Media				X
	LAN Driver				X
	Audio Driver				X
Windows 98SE English Version V4.10.2222A	Chipset Software				X
	Graphics Media				X
	LAN Driver				X
	Audio Driver				X

7. 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			X
CMOS Backup / Clear CMOS Test	X		
Boot ROM Test (PXE)	X		
Supervisor / User Password Test	X		
CRT / LCD / TV Function Test (CRT Only)	X		
TV Standard Function Test			X
Init Display First Function Test			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		
Swap Floppy Drive & Boot up Floppy Seek Function Test			X
USB Onboard Device Function Test	X		
COM Address / IRQ Test	X		
LPT Address / IRQ Test			X
BIOS AWDFLASH Program Test	X		

8. Performance Test

Platform Information

System Model / Version	AEC-6510
BIOS	AEC-6510 BIOS Rev.0.1(06/19/2008)
Operating System	Windows XP Professional V2002 Service Pack 3
CPU	Onboard AMD Geode™ LX800 series processor
Memory	DSL 512MB DDR333 SODIMM(HynixHY5DU121622DTP-J)
SATA HDD	N/A
Primary IDE Master	N/A
Primary IDE Slave	N/A
CRT	Viewsonic E70
LCD	N/A
Compact Flash	Transcend CF Card 4GB for Industrial FIX / UDMA
Backplane	N/A
Riser Card	N/A
Chipset Software	N/A
Graphics Media	Advanced Micro Devices WinXP Graphics Driver Ver: 3.0.2.0 (11/22/2005)
AES Driver	Geode LX AES Crypto Driver Ver: 2.1.0.0 (10/28/2005)
LAN Driver	Realtek RTL8139/810x Family Fast Ethernet NIC Ver:5.505.1004.2002 (10/4/2002)
Audio Driver	N/A
Power Supply	SINPRO MPU50-150

Test Result:

Testing Software	Result	Unit
ZD WinBench 99 V2.0		
Business Disk WinMark99	N/A	Thousand bytes/sec
High-End Disk WinMark99	N/A	Thousand bytes/sec
Business Graphics WinMark99	N/A	
High-End Graphics WinMark99	N/A	
PCMark2002		
CPU	601	
Memory	1500	
HDD	391	
Final Reality V1.01—BenchMark Test		

2D image	3.74	
3D	0.47	
Bus transfer	6.91	
Overall	2.42	Reality marks
ZD 3D Winbench 2000 V1.1		
3D WinMark 2000	N/A	Frames / sec
3Dmark2001SE Pro (Demo version)		
3DMark2001SE Build 330_Benchmark mode	N/A	
ZD Multimedia Content Creation Winstone 2004 V1.0.1 (Up Pentium III 800 MHZ CPU)		
Multimedia Content Creation Winstone 2004	N/A	
Business Winstone 2004 v1.0.1 (Up Pentium III 800 MHZ CPU)		
Business Winstone2004	N/a	

Test Result:

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

Remark: Please uses below two performance software to test mainboard if the chipset is new enough.

(ex. Intel Core 2 Duo CPU)