GA-3CESL-RH
BIOS Regression Report

Model Name	:	GS-R123L-RH
Motherboard	:	GA-3CESL-RH
PCB Revision	:	1.6A 3
Bios Version	:	F3
Release On	:	2009/07/21

This Document has been released from:

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1. Test Configuration

System Model Name	N/A	Product Status	MP
Mother Board	GA-3CESL-RH	M/B Revision	1.6A 3
Backplane Board	N/A	B/B Revision	N/A
Riser Card	N/A	Riser Card Rivision	N/A
IPMI Board	GC-MMTS-RH	IPMI Board Revision	1.1A
LED Board	N/A	LED Board Revision	N/A

VGA	XGI Volari Z9s
BIOS Version	F3
BIOS Setting	Load Setup Defaults
LAN1 EEPROM Version	7301
LAN2 EEPROM Version	7301
BMC Firmware Version	1.10
IDE 1	N/A
IDE 2	N/A
SATA	NVIDIA MCP55
SATA HDD	DELL WD1002FBYSFBYS 1TB
Floppy	TEAC FD-05PUW
Key Board	Microsoft Natural Keyboard Pro
Mouse	Microsoft Wheel Mouse Optical USB and PS/2 Compatible
Power Supply	DELTA DPS-600MB-2 A REV：S1，600W

CPU	CPU	Opteron 2423HE	Quantity	2
	FSB	2000MHz	L2 Cache	3072K
	S-Spec	D0		

Memory	Size/FSB	2GB/800MHz	Quantity	16
	Vendor	Hynix	Chip	Hynix
	Part Number	HYMP125P72CP8-S6 AB 0915		

Add-in Cards	Slot	IRQ (DOS)	IRQ (Win)	BIOS	F/W	Driver	Peripherals	F/W

2. Post Screen Check

Item	Description	Result	
		With IPMI	w/o IPMI
System Information	BIOS Version	Pass	Pass
	IPMI Firmware Version	Pass	N/A
	CPU Information	Pass	Pass
	Memory Size	Pass	Pass
	CD-ROM/HDD detect	Pass	Pass
Option ROM	LAN Option ROM check	Pass	Pass
	SATA/SCSI Option ROM check	Pass	Pass

3. Bios Information Check

Main

Item	Check point	Result	
		With IPMI	**w/o IPMI**
Advanced Processor Options			
1	CPU Status Check	Pass	Pass
Memory Configuration			
1	Memory Capacity Check	Pass	Pass
2	Memory Slot Check (DIMM1 ~ DIMM16)	Pass	Pass
Hardware Monitor			
1	Temperature Monitor (according to Thermal Specification)	N/A	Pass
2	Voltage Monitor (+-10%)	N/A	Pass
3	Fan Monitor (Check Yes or No)	N/A	Pass
System Management			
1	BIOS Version Check	Pass	Pass
2	IPMI Firmware Version Check	Pass	N/A
I/O Device Configuration			
1	Serial Port 1 Check (Check with Mouse)	Pass	Pass
2	Serial Port 2 Check (Check with Mouse)	Pass	Pass
3	Parallel Port Check (Check with Loopback)	N/A	N/A
4	PS/2 Mouse Check	Pass	Pass
5	USB Controller Check (Check with USB device)	Pass	Pass
6	Onboard Parallel ATA Check	Pass	Pass
7	Onboard Serial ATA Check	Pass	Pass

4. OS installation

Item	Description	Test Time	Result	
			With IPMI	**w/o IPMI**
Windows 2008	Install Windows 2008 Enterprise Server	1 hr	PASS	PASS
Chipset Driver	Install INF driver	2 min	PASS	PASS
LAN Driver	Install LAN driver	2 min	PASS	PASS
VGA Driver	Install VGA driver	2 min	PASS	PASS
Stress	Run SPBest (File+Memory) and Maxpower (100% Loading)	10 min	PASS	PASS

5. Release Note Check

No.	Description	Result
1	Update AGESA 3.5.0.0 to support Istanbul CPU	Pass
2	Fix L2 cache size of Istanbul CPU is 512 KB * 6 = 3072 MB	Pass
3	Fix RTC date and time will be error	Pass
4	Fix CMOS clear jumper fail	Pass

5	Fix sometimes fan speed can not turn fast when temperature up to high limit degree	Pass

CPU Istanbal Regression

Vendor	Model Name	SPEC	Maxpower/ ThermNOW 30min	BIOS info	POST info	System info under Windows
AMD	Istanbal	2.0Ghz, OS2423PDS6DGN, 2423HE	v	v	v	v
AMD	Istanbal	2.0Ghz, OS2425PDS6DGN, 2425HE	v	v	v	v
AMD	Istanbal	2.2Ghz, OS2427WJS6DGN, 2427	v	v	v	v
AMD	Istanbal	2.4Ghz, OS2431WJS6DGN, 2431	v	v	v	v
AMD	Istanbal	2.6Ghz, OS2435WJS6DGN, 2435	v	v	v	v
AMD	Istanbal	2.8Ghz, OS2439YDS6DGN, 2439SE	v	v	v	v