

# GS-R12T4S

## BIOS Regression Report

Model Name : GS-R12T4S

Motherboard : GA-7TCSV3

PCB Revision : 0.1

Bios Version : F5 (Checksum:0xEE90 )

Release On : 2011/08/18

**This Document has been released from:**

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## 1. Test Configuration

<b>System Model Name</b>	GS-R12T4S	<b>Product Status</b>	DVT	
<b>Mother Board</b>	GA-7TCSV3	<b>M/B Revision</b>	0.1	
<b>Backplane Board</b>	GC-BS14E4-RH	<b>B/B Revision</b>	2.0	
<b>Riser Card</b>	GC-RE1E3	<b>Riser Card Revision</b>	0.2	
<b>IPMI Board</b>	N/A	<b>IPMI Board Revision</b>	N/A	
<b>LED Board</b>	GC-IL95-RH	<b>LED Board Revision</b>	2.2	
<b>VGA</b>	ASPEED / AST1300			
<b>BIOS Version</b>	F5			
<b>BIOS Setting</b>	Load Optimal Default			
<b>LAN1 EEPROM Version</b>	1080			
<b>LAN2 EEPROM Version</b>	1090			
<b>BMC Firmware Version</b>	N/A			
<b>IDE 1</b>	N/A			
<b>IDE 2</b>	N/A			
<b>SATA</b>	Intel ICH10R			
<b>SATA HDD</b>	HITACHI 2TB (HUA722020ALA330)			
<b>Floppy</b>	N/A			
<b>Key Board</b>	G-MAX GK-4P			
<b>Mouse</b>	Gigabyte GM-AP			
<b>Power Supply</b>	FSP FSP500-701UH Rev:NA 500W 80PLUS			
<b>CPU</b>	<b>CPU</b>	Intel Xeon X5660 2.80G	<b>Quantity</b>	2
	<b>FSB</b>	533MHz	<b>L3 Cache</b>	12M
	<b>S-Spec</b>			
<b>Memory</b>	<b>Size/FSB</b>	2GB/1333MHz	<b>Quantity</b>	6
	<b>Vendor</b>	Apacer	<b>Chip</b>	SEC
	<b>Part Number</b>	75.A73.A73C4.G01		

## 2. Post Screen Check

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

### 3. Bios Information Check

#### Main

Item	Check point	Result	
		With IPMI	w/o IPMI
<b>Advanced Processor Options</b>			
1	CPU Status Check	N/A	PASS
<b>Memory Configuration</b>			
1	Memory Capacity Check	N/A	PASS
2	Memory Slot Check (DIMM1 ~ DIMM6)	N/A	PASS
<b>Hardware Monitor</b>			
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
<b>System Management</b>			
1	BIOS Version Check	N/A	PASS
2	IPMI Firmware Version Check	N/A	N/A
<b>I/O Device Configuration</b>			
1	Serial Port 1 Check (Check with Mouse)	N/A	PASS
2	Serial Port 2 Check (Check with Mouse)	N/A	PASS
3	Parallel Port Check (Check with Loopback)	N/A	N/A
4	PS/2 Mouse Check	N/A	N/A
5	USB Controller Check (Check with USB device)	N/A	PASS
6	Onboard Parallel ATA Check	N/A	N/A
7	Onboard Serial ATA Check	N/A	PASS
<b>BIOS Upgrade / Downgrade</b>			
1	BIOS Upgrade	N/A	PASS
2	BIOS Downgrade	N/A	PASS

### 4. OS installation

Item	Description	Test Time	Result	
			With IPMI	w/o IPMI
Win2008	Install Windows 2008 Enterprise Server x64	1 hr	N/A	PASS
SP2	Install Service Pack 2	10 min	N/A	PASS
INF Driver	Install INF driver	2 min	N/A	PASS
LAN Driver	Install LAN driver	2 min	N/A	PASS
VGA Driver	Install VGA driver	2 min	N/A	PASS
Stress	Run SPbest(File and Memory) and MaxPower (100% Loading)	8 hr	N/A	PASS

### 5. Release Note Check

Description	Result	
	With IPMI	w/o IPMI
1. Fix DMI Type 0 BIOS version incorrect.	N/A	PASS