

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

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

2. Post Screen Check

Item	Description	Result	
		With IPMI	w/o IPMI
System Information	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
Option ROM	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
Advanced Processor Options			
1	CPU Status Check	N/A	PASS
Memory Configuration			
1	Memory Capacity Check	N/A	PASS
2	Memory Slot Check (DIMM1 ~ DIMM6)	N/A	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	N/A	PASS
2	IPMI Firmware Version Check	N/A	N/A
I/O Device Configuration			
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
BIOS Upgrade / Downgrade			
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