

GA-7TCSV2

BIOS Regression Report

Model Name : GA-7TCSV2

Motherboard : GA-7TCSV2

PCB Revision : 1.0B

Bios Version : F9(0xBCDA)

Release On : 2010/04/14

This Document has been released from:

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1. Test Configuration

| | | | | | | | | |
|----------------------|---|-----------|-----------|------|-------------------------|--------|-------------|---------|
| System Model Name | N/A | | | | Product Status | | MP | |
| Mother Board | 7TCSV2 | | | | M/B Revision | | 1.0B | |
| Backplane Board | N/A | | | | B/B Revision | | N/A | |
| Riser Card | N/A | | | | Riser Card Rivision | | N/A | |
| IPMI Board | N/A | | | | IPMI Board Revision | | N/A | |
| LED Board | N/A | | | | LED Board Revision | | N/A | |
| VGA | | | | | | | | |
| BIOS Version | F9 (Checksum = 0xBCDA) | | | | | | | |
| BIOS Setting | Load Setup Defaults | | | | | | | |
| LAN1 EEPROM Version | 1080 | | | | | | | |
| LAN2 EEPROM Version | 1090 | | | | | | | |
| BMC Firmware Version | 1.05 | | | | | | | |
| IDE 1 | N/A | | | | | | | |
| IDE 2 | N/A | | | | | | | |
| SATA | Intel ICH10R | | | | | | | |
| SATA HDD | Western Digital / WD3000HLFS – 01G6U0 / 300GB | | | | | | | |
| Floppy | N/A | | | | | | | |
| Key Board | BenQ I100-P | | | | | | | |
| Mouse | GIGABYTE GM-M6580 | | | | | | | |
| Power Supply | SUPERMICRO PWS-1K21P-1R MAX1200W | | | | | | | |
| CPU | CPU SPEED | | | | 2.93GHz | | Quantity | 2 |
| | QPI | | | | 6.4 GT/s | | L2 Cache | 1536K |
| | S-Spec | | | | Intel® Xeno® X5670 Q4EP | | | |
| Memory | Size/FSB | | | | 4GB/1066 | | Quantity | 6 |
| | Vendor | | | | Qimonda | | Chip | Qimonda |
| | Part Number | | | | IMSH4GP12A1F1C-10F P2 | | | |
| Add-in Cards | Slot | IRQ (DOS) | IRQ (Win) | BIOS | F/W | Driver | Peripherals | F/W |
| | | | | | | | | |
| | | | | | | | | |

2. Post Screen Check

| Item | Description | Result |
|--------------------|----------------------------|-----------|
| | | with IPMI |
| System Information | BIOS Version | PASS |
| | IPMI Firmware Version | PASS |
| | CPU Information | PASS |
| | Memory Size | PASS |
| | CD-ROM/HDD detect | PASS |
| Option ROM | LAN Option ROM check | PASS |
| | SATA/SCSI Option ROM check | PASS |

3. Bios Information Check

Main

| Item | Check point | Result |
|----------------------------|--|-----------|
| | | with IPMI |
| Advanced Processor Options | | |
| 1 | CPU Status Check | PASS |
| Memory Configuration | | |
| 1 | Memory Capacity Check | PASS |
| 2 | Memory Slot Check (DIMM1 ~ DIMM6) | PASS |
| Hardware Monitor | | |
| 1 | Temperature Monitor (according to Thermal Specification) | N/A |
| 2 | Voltage Monitor (+-10%) | N/A |
| 3 | Fan Monitor (Check Yes or No) | N/A |
| System Management | | |
| 1 | BIOS Version Check | PASS |
| 2 | IPMI Firmware Version Check | N/A |
| I/O Device Configuration | | |
| 1 | Serial Port 1 Check (Check with Mouse) | PASS |
| 2 | Serial Port 2 Check (Check with Mouse) | PASS |
| 3 | Parallel Port Check (Check with Loopback) | N/A |
| 4 | PS/2 Mouse Check | N/A |
| 5 | USB Controller Check (Check with USB device) | N/A |
| 6 | Onboard Parallel ATA Check | N/A |
| 7 | Onboard Serial ATA Check | PASS |

4. OS installation

| Item | Description | Test Time | Result |
|------------|---|-----------|-----------|
| | | | with IPMI |
| Win2008 | Install Windows 2008 Enterprise Server SP2 x64 | 1 hr | PASS |
| SP2 | Install Service Pack 2 | 10 min | PASS |
| INF Driver | Install INF driver | 2 min | PASS |
| LAN Driver | Install LAN driver | 2 min | PASS |
| VGA Driver | Install VGA driver | 2 min | PASS |
| Stress | Run SPbest(File and Memory) and MaxPower (100% Loading) | 12 hr | PASS |

5. Release Note Check

| Description | Result |
|--|-----------|
| | with IPMI |
| 1 • Fix L5609 CPU only 2 core be found | PASS |
| 2 • Patch BMC reset issue | PASS |
| | |