

GA-6TXSL-RH

BIOS Regression Report

Model Name : GA-6TXSL-RH

Motherboard : GA-6TXSL-RH

PCB Revision : 2.0A

Bios Version : 6TXSL-F11(0x09FC)

Release On : 2010/05/14

This Document has been released from:

Company : Gigabyte Technology CO., LTD

Review by : Alang Huang

FAE : Nick Wang

BIOS : Bryan Liu

TE : Jack Peng

Approval : Alex Chang

1. Test Configuration

System Model Name	GA-6TXSL-RH			Product Status		MP		
Mother Board	GA-6TXSL-RH			M/B Revision		2.0A		
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	GIGABYTE GV-NX66256DP2							
BIOS Version	6TXSL-F11(Checksum = 0x09FC)							
BIOS Setting	Load Setup Default							
LAN1 EEPROM Version	1085							
LAN2 EEPROM Version	N/A							
BMC Firmware Version	N/A							
Driver version:								
Chipset for Windows								
VGA for Windows								
LAN for Windows								
VGA for Linux								
LAN for Linux								
USB DVD ROM	NEC UJDB763X-NE							
IDE 2	N/A							
SATA	Intel ICH6R							
SATA HDD	WD WD1600AAJS							
Floppy	Panasonic UJ-256A308P REV.K							
Key Board	G-MAX GK-3P 104Key (PS/2) WinTEK WK-320 104Key(USB)							
Mouse	NEC M-S34 (PS/2)/detroit Canmouse CM315(USB)							
Power Supply	FSP 450-60EP 450W							
CPU	CPU			2.67GHz		Quantity	1	
	FSB			1333MHz		L2 Cache	1024KB	
	S-Spec			Q4EV				
Memory	Size/FSB			2GB/1333MHz		Quantity	6	
	Vendor			Unigen		Chip	hynix	
	Part Number			UG25U7200M8DU-ACH				
Add-in Cards	Slot	IRQ (DOS)	IRQ (Win)	BIOS	F/W	Driver	Peripherals	F/W

2. Post Screen Check

Item	Description	Result
		w/o IPMI
System Information	BIOS Version	PASS
	IPMI Firmware Version	N/A
	CPU Information	PASS
	Memory Size	PASS

Option ROM	CD-ROM/HDD detect	PASS
	LAN Option ROM check	PASS
	SATA/SCSI Option ROM check	PASS

3. Bios Information Check

3.1 Main

Item	Check point	Result
		w/o 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)	PASS
2	Voltage Monitor (+-10%)	PASS
3	Fan Monitor (Check Yes or No)	PASS
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)	PASS
4	PS/2 Mouse Check	PASS
5	USB Controller Check (Check with USB device)	PASS
6	Onboard Parallel ATA Check	N/A
7	Onboard Serial ATA Check	PASS
BIOS Upgrade / Downgrade		
1	BIOS Upgrade(6TXSL-F11)	PASS
2	BIOS Downgrade(6TXSL-F10)	PASS

4. OS installation

Item	Description	Test Time	Result
			w/o IPMI
Win2008	Install Windows 2008 Enterprise Server x64 R2	1 hr	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)	8 hr	PASS

5. Release Note Check

Description	Result
	w/o IPMI
Patch CPU E5640 Q4EV hang on Post 60 issue.	PASS
Update Bloomfield Microcode M03106A4_00000011.TXT Revision 011 C-0 (Bloomfield)	PASS

6. Issue List

No.	Description
1	
2	
3	
4	