

1. Hardware:

[GA-Z68X-UD4-B3 \(rev. 1.0\)](#)

Audio: Realtek ALC889
Lan: Realtek RTL8111E
USB3: Etron EJ168
Firewire: VIA VT6308
additional Sata: Marvell 88SE9172
eSata: Marvell 88SE9172

[Intel Core i7-2600K](#)

[SAPPHIRE HD 6870 1GB GDDR5 PCIE](#)

2. Status:

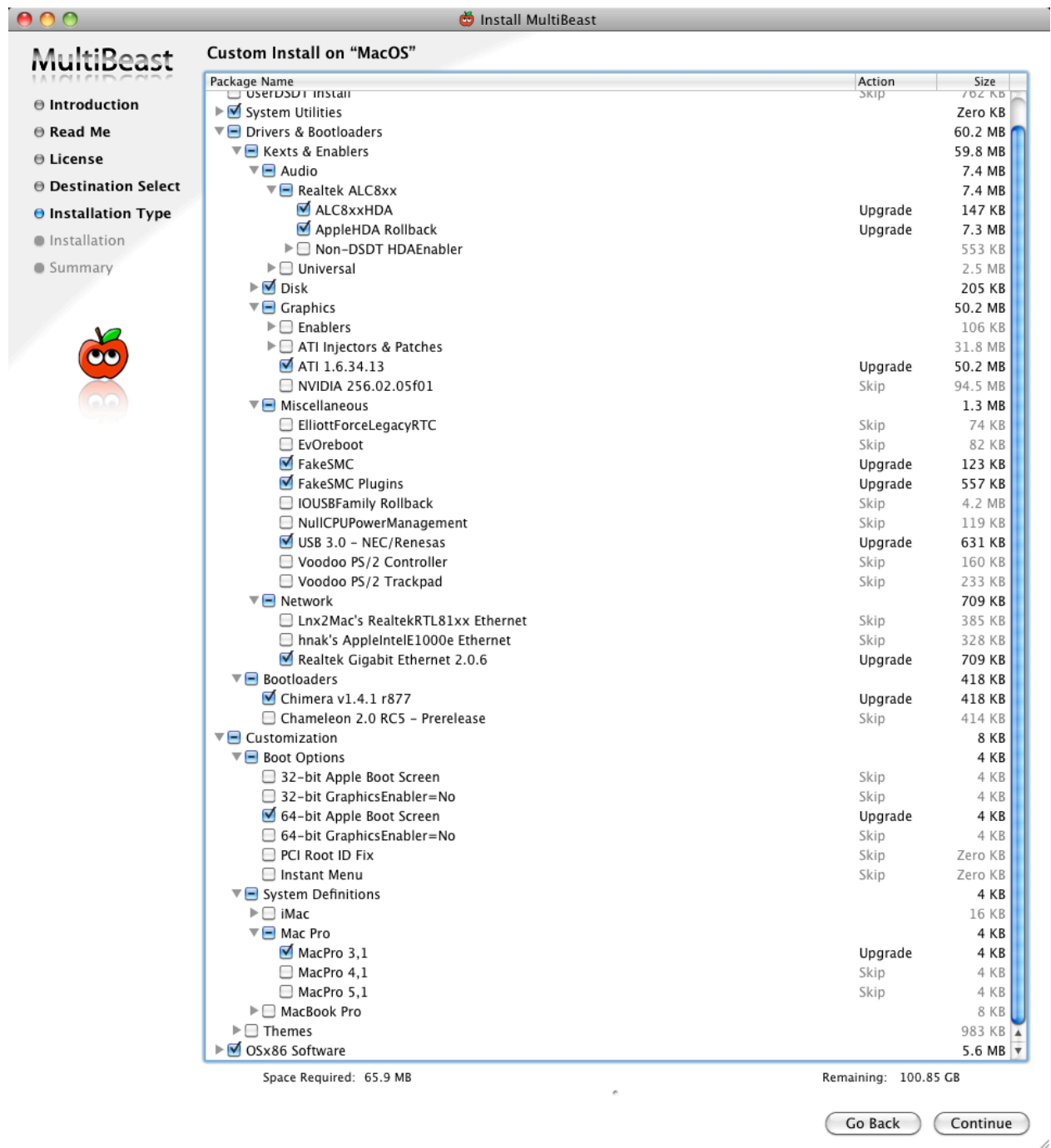
USB2: *working*
Audio: *working (but input volume via mic is very very low)*
Lan: *working*
USB3: *USB2 devices working after install USB3 drivers, USB3 devices not tested yet*
Firewire: *not tested yet*
Chipset Sata: *working*
Marvell Sata: *working*
eSata: *not tested yet*
Sleep: *working (but not with my bluetooth adapter ☺)*
Speed Stepping: *working (according to MSRDumpster and thermal sensors)*
Turbo: *working (according to MSRDumpster and thermal sensors)*
GPU: *working (HDMI and DVI working, DP not tested. SC2 playable on ultra)*

3. Installation notes:

- Requires: Mac OS X 10.6 Retail Disk
- Download: Multibeast 3.7.2, Bridgehelper 2.1.0, iBoot 3.0.4, Combo-Update 10.6.7, netkas ATY_Init for 6870, DSDT from database
- Apply Bios settings (see section 5.)
- Boot with iBoot, select Mac OS Retail Disk
- Install and reboot into the new installation with iBoot
- Install Combo-Update (do not reboot), Multibeast (settings in section 4.), Bridgehelper, install ATY_init next to S/L/E
- Copy DSDT from database to Extra folder
- Reboot without iBoot

4. Multibeast settings:

- Multibeast settings:



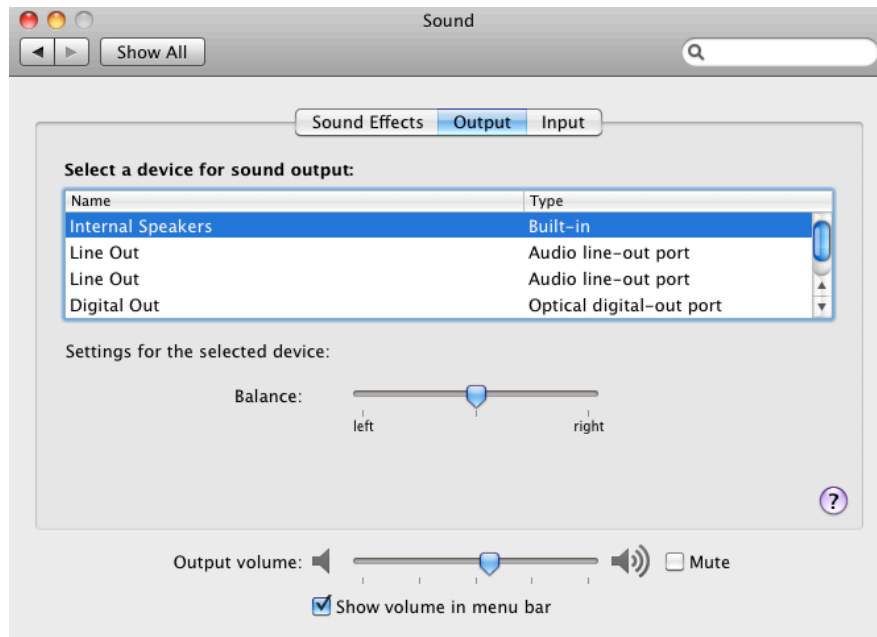
5. Bios settings:

Bios Version: F6

general settings: SATA to AHCI mode, HPET to 64-bit mode, others default
for installation: disable turbo and power saving features (EIST etc.)

6. Audio:

Audio output is working when built-in / internal is selected in system preferences:



Audio input is working when built-in / internal is selected in system preferences, too. But for input, the volume is very very low, so you cannot understand what you say in your mic.

Audio via HDMI does not work OOB, but I did not try to get it working in any way.

6. Benchmarking:

Tests done with described configuration and turbo disabled.

- Geekbench 2.1 @4.6GHz:

Summary

Section	Description	Score	Geekbench Score
Integer	Processor integer performance	12464	14711
Floating Point	Processor floating point performance	23979	
Memory	Memory performance	6566	
Stream	Memory bandwidth performance	6433	
Geekbench 2.1.13 for Mac OS X x86 (32-bit)			

System Information

Operating System	Mac OS X 10.6.7 (Build 10J869)		
Model	Hackintosh	Motherboard	Apple Inc. Mac-F42C88C8 x.x
Processor	Intel(R) Core(TM) i7-2600K CPU @ 3.40GHz		
Processor ID	GenuineIntel Family 6 Model 42 Stepping 7		
Processors	1	Threads	8
Cores	4	Memory	8.00 GB 1600 MHz RAM
Processor Frequency	3.41 GHz	Bus Frequency	400 MHz
L1 Instruction Cache	32.0 KB	L1 Data Cache	32.0 KB
L2 Cache	256 KB	L3 Cache	8.00 MB
BIOS	Apple Inc. MultiBeast.tonymacx86.com		

- Geekbench 2.1 @4.2GHz:

Summary

Section	Description	Score	Geekbench Score
Integer	Processor integer performance	11324	13443
Floating Point	Processor floating point performance	21842	
Memory	Memory performance	6139	
Stream	Memory bandwidth performance	6074	
Geekbench 2.1.13 for Mac OS X x86 (32-bit)			

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