

892Beta_Lion_AppleHDA_v2.1.3 (OS X 10.7.2)

Requirements

1. Realtek ALC892
2. Lion 10.7.2 - 64 bit kernel (only)
3. dsdt w/HDEF/Layout_id is 0x7C 0x03 0x00 0x00
For HD3000 HDMI audio; dsdt w/HDEF/Layout_id is 0x88 0x01 0x00 0x00
4. Chimera 1.7 or later
5. Kextbeast

Configuration

Device	Port	Location	Notes	Audio ID: 892	Audio ID: 392
1. Mic	Pink	Rear	1 & 2 Linked	Yes	Yes
2. Mic (LineIn)	Pink	Front	2 Mutes 1	Yes	Yes
3. LineIn	Blue	Rear		Yes	Yes
4. SPDIFIn	Yellow		Not Available		
5. Speakers (Front)	Green	Rear	5 & 6 Linked	Yes	Yes
6. Headphones	Green	Front	6 Mutes 5	Yes	Yes
7. LineOut (Center/Sub)	Orange	Rear		Yes	No
8. LineOut (Rear)	Black	Rear		Yes	Yes
9. LineOut (Side)	Grey	Rear		Optional	No
10. SPDIFOut	Orange	Rear	Stereo Only	Yes	Yes
11. HDMI		Rear	Edits Required	AMD/Nvidia	HD3000 Only

Installation

1. Backup S/L/E/AppleHDA.kext
2. Delete ALC8xxHDA, ALC8xx, 8xxHDAEnabler and any other audio enablers from S/L/E
3. Copy AppleHDA.kext from 892Beta_Lion_AppleHDA folder in Downloads to Desktop
4. Run KextBeast
5. HD3000 HDMI audio systems only; edit dsdt.aml/HDEF/layout_id to 0x88 0x01 0x00 0x00
6. Restart
7. Configure 5.1 Surround Sound Aggregate Device (Not available with Audio ID: 392)
 - a. Applications/Utilities/Audio MIDI Setup
 - b. <http://www.tonymacx86.com/viewtopic.php?f=16&t=848>
6. Install Line In - <http://www.rogueamoeba.com/freebies/>

Kexts

1. AppleHDA_v2.1.3
 - a. Audio ID: 892
 - i. 892 on board
 - ii. HDMI audio - discrete graphics
 - b. Audio ID: 392 (HD3000 HDMI audio only)
 - i. 892 on board
 - ii. HDMI audio - HD3000

892Beta_Lion_AppleHDA Uninstall

1. Copy AppleHDA.kext backup to Desktop (backup from Installation, Step 1, above)
2. Run KextBeast
3. Restart

Troubleshooting

1. Shutdown/Pull power cord/Wait 30 seconds/Plug power in/Boot
2. System Preferences/Sound/Output - No Audio Devices

- a. Delete ALC8xxHDA, ALC8xx, 8xxHDAEnabler and any other audio enablers from S/L/E
- b. Reinstall 892Beta_Lion_AppleHDA/AppleHDA.kext
- 3. Center/Sub - No sound
 - a. Audio MIDI Setup/5.1 Surround Sound Aggregate Device/Configure Speakers
 - b. Line In/Select Input/Select Output (5.1 Surround)/Select Pass Thru
 - c. Verify Center/Sub working in Audio MIDI Setup
- 4. Internal Microphone/Line In - No sound
 - a. Audio MIDI Setup/5.1 Surround Sound Aggregate Device/Configure Speakers
 - b. Line In/Select Input/Select Output (5.1 Surround)/Select Pass Thru
 - c. Select a speaker in Audio MIDI Setup
- 5. Headphone static
 - a. Check green front port connection
 - b. Avoid using Internal microphone to Headphones
- 6. Mic static
 - a. Check pink front port connection
 - b. Avoid using Internal microphone to Headphones