

There are two folders for Gigabyte ALC889a and one folder for Gigabyte ALC888.

including series of LegacyHDA.kext and HDAEnabler.kext (version 1.0.1)

This HDAEnabler.kext (version 1.0.1) should be working with every version of AppleHDA.kext of Leopard. I prepared HDAEnabler.kext for each Audio ID (or LayoutID) and it's in its folder. I also include unzip of HDAEnabler.kext (version 1.0.1).

These LegacyHDA.kexts can be working on Leopard and SL. They should be working with 1.5.7a24 AppleHDA.kext or newer version of Leopard because I've never tried an older version of AppleHDA.kext.

If you want to use LegacyHDA.kext working on SL, I would recommend that you should patch DSDT.aml for your PC, see a guide of How to patch DSDT with LAN and HDEF functions.

For ALC889a users:

If you want to identify "Audio ID: 885 in System Profiler", please use series of LegacyHDA 885 (ALC889a).

If you want to identify "Audio ID: 889 in System Profiler", please use series of LegacyHDA 889 (ALC889a).

For ALC888 users:

If you want to get "Encoded Digital Audio", you need to patch AppleHDA binary. Please see MadTux's guide.

There are no for real ALC889. If you want to use you can change CodecID from 283904133 to 283904137 in info.plist of AppleHDAPlatformDriver, AppleHDAController (for 1.6.8a3 AppleHDA.kext and older), and AppleHDAHardwareConfigDriver (for 1.7.1a2 AppleHDA.kext of 10.5.8 or newer version including for 10.6). However, codecverbs and pathmaps might not be the same as Gigabyte ALC888 and ALC889a (Intel).

If you want to edit your own AppleHDA.kext, you can see the followings as examples. I will not edit/patch AppleHDA.kext.

Make it simple by copy and paste

from LegacyHDA.kext

/LegacyHDA.kext/Contents/Info.plist

to AppleHDA.kext

/AppleHDA.kext/Contents/PlugIns/AppleHDAController.kext/Contents/info.plist

You can copy from this item and paste into info.plist of
AppleHDAController.kext [for 1.6.8a3 AppleHDA.kext (10.5.7) or older]

Key	Value
▼ Information Property List	(9 items)
Localization native development re	English
Bundle identifier	org.world.driver.LegacyHDA
InfoDictionary version	6.0
Bundle name	LegacyHDA Driver
Bundle OS Type code	KEXT
Bundle creator OS Type code	????
Bundle version	888
▼ IOKitPersonalities	(3 items)
▼ BuiltInHDA	(8 items)
CFBundleIdentifier	com.apple.driver.AppleHDAController
► CodecAddressFilterArray	(2 items)
▼ HDAConfigDefault	(1 item)
▼ Item 1	(4 items)
CodecID	283904133
ConfigData	<21871c40 21871d90 21871ea0 21871f90 21971c50 21
FuncGroup	1
LayoutID	885
IOClass	AppleHDAController
IOPCIClassMatch	0x04020000&0xFFFE0000
IOProviderClass	IOPCIDevice
► PostConstructionInitialization	(1 item)
► RequireMaxBusStall	(1 item)
► HDA Platform Resource	(7 items)
► HDA Hardware Config Resource	(6 items)
OSBundleRequired	Root

AppleHDA.kext/Contents/PlugIns/AppleHDAPlatformDriver.kext/Contents/info.plist

You can copy from this item and paste into info.plist of AppleHDAPlatformDriver.kext (for L & SL) Layouts & PathMaps

Key	Value
Bundle name	LegacyHDA Driver
Bundle OS Type code	KEXT
Bundle creator OS Type code	????
Bundle version	888
▼ IOKitPersonalities	(3 items)
▶ BuiltInHDA	(8 items)
▼ HDA Platform Resource	(7 items)
CFBundleIdentifier	com.apple.driver.AppleHDAPlatformDriver
▶ CommonPeripheralDSP	(16 items)
IOClass	AppleHDAPlatformDriver
IOMatchCategory	AppleHDAPlatformDriver
IOProviderClass	AppleHDAPlatformDriverLoader
▼ Layouts	(1 item)
▼ Item 1	(2 items)
LayoutID	885
▼ PathMapRef	(1 item)
▼ Item 1	(11 items)
▼ CodecID	(1 item)
Item 1	283904133
▶ Headphone	(1 item)
▶ Inputs	(3 items)
▶ IntSpeaker	(2 items)
▶ LineIn	(1 item)
▶ LineOut	(1 item)
▶ Mic	(2 items)
▶ Outputs	(4 items)
PathMapID	885
▶ SPDIFIn	(0 items)
▶ SPDIFOut	(0 items)
▶ PathMaps	(1 item)
▼ HDA Hardware Config Resource	(6 items)
CFBundleIdentifier	com.apple.driver.AppleHDAHardwareConfigDriver

Key	Value
▼ Information Property List	(9 items)
Localization native development re	English
Bundle identifier	org.world.driver.LegacyHDA
InfoDictionary version	6.0
Bundle name	LegacyHDA Driver
Bundle OS Type code	KEXT
Bundle creator OS Type code	????
Bundle version	888
▼ IOKitPersonalities	(3 items)
▶ BuiltInHDA	(8 items)
▼ HDA Platform Resource	(7 items)
CFBundleIdentifier	com.apple.driver.AppleHDAPlatformDriver
▶ CommonPeripheralDSP	(16 items)
IOClass	AppleHDAPlatformDriver
IOMatchCategory	AppleHDAPlatformDriver
IOProviderClass	AppleHDAPlatformDriverLoader
▼ Layouts	(1 item)
▶ Item 1	(2 items)
▼ PathMaps	(1 item)
▼ Item 1	(2 items)
▼ PathMap	(7 items)
▶ Item 1	(1 item)
▶ Item 2	(1 item)
▶ Item 3	(1 item)
▶ Item 4	(2 items)
▶ Item 5	(1 item)
▶ Item 6	(1 item)
▶ Item 7	(1 item)
PathMapID	885
▶ HDA Hardware Config Resource	(6 items)
OSBundleRequired	Root

/AppleHDA.kext/Contents/PlugIns/AppleHDAHardwareConfigDriver.kext/Contents/info.plist (for SL)

You can copy from this item and paste into info.plist of AppleHDAHardwareConfigDriver.kext [for 1.7.1a2 AppleHDA.kext (10.5.8) or newer and for SL 10.6]

Key	Value
▼ Information Property List	(9 items)
Localization native development re	English
Bundle identifier	org.world.driver.LegacyHDA
InfoDictionary version	6.0
Bundle name	LegacyHDA Driver
Bundle OS Type code	KEXT
Bundle creator OS Type code	????
Bundle version	888
▼ IOKitPersonalities	(3 items)
▶ BuiltInHDA	(8 items)
▶ HDA Platform Resource	(7 items)
▼ HDA Hardware Config Resource	(6 items)
CFBundleIdentifier	com.apple.driver.AppleHDAHardwareConfigDriver
▼ HDAConfigDefault	(1 item)
▼ Item 1	(4 items)
CodecID	283904133
ConfigData	<21871c40 21871d90 21871ea0 21871f90 21971c50 21
FuncGroup	1
LayoutID	885
IOClass	AppleHDAHardwareConfigDriver
IOMatchCategory	AppleHDAHardwareConfigDriver
IOProviderClass	AppleHDAHardwareConfigDriverLoader
▶ PostConstructionInitialization	(3 items)
OSBundleRequired	Root