

[Guide] airport_pcie-hm_plist_edits.pdf



Requirements

1. 10.8.5 or newer (This technique does not work in 10.8.4 or earlier)

Tools

1. IORegistryExplorer, IOJones
2. Property list editor - Xcode, Property List Editor, Plist Editor, or TextEdit
3. Kext installer - KextBeast, Kext Utility, DPCIManager

I. Broadcom

1. Backup S/L/E/IO80211Family.kext
2. Copy S/L/E/IO80211Family.kext to Desktop
3. Property List Editor/Open/Desktop/IO80211Family.kext/Contents/Plugins/AirPortBrcm4360.kext/Contents/Info.plist
4. Open IOKitPersonalities
5. Open Broadcom 802.11 PCI
6. Open IONameMatch
7. find: `<string>pci14e4,43a0</string>` Native
8. add: `<string>pci14e4,4353</string>` For BCM943224 HMS
9. add: `<string>pci14e4,4357</string>` For BCM943225 HMB
or add: `<string>pci14e4,43b1</string>` For BCM94352 HMB
10. Save
11. Run kext installer

Note: 8. add means:

1. Copy Item 2
2. Paste Item 2 on IONameMatch
3. Edit the new item 0, from 4353 to 4357

See **Example** screenshots below

II. Atheros

1. Backup S/L/E/IO80211Family.kext
2. Copy S/L/E/IO80211Family.kext to Desktop
3. Property List Editor/Open/Desktop/IO80211Family.kext/Contents/Plugins/AirPortAtheros40.kext/Contents/Info.plist
4. Open IOKitPersonalities
5. Open Atheros Wireless LAN PCI
6. Open IONameMatch
7. find: <string>pci168c,2a</string> Native
8. add: <string>pci168c,2b</string> For AR9285
or add: <string>pci168c,2e</string> For AR9287
9. Save
10. Run kext installer

Note: 8. add means:

1. Copy Item 2
2. Paste Item 2 on IONameMatch
3. Edit the new item 0, from 2a to 2b

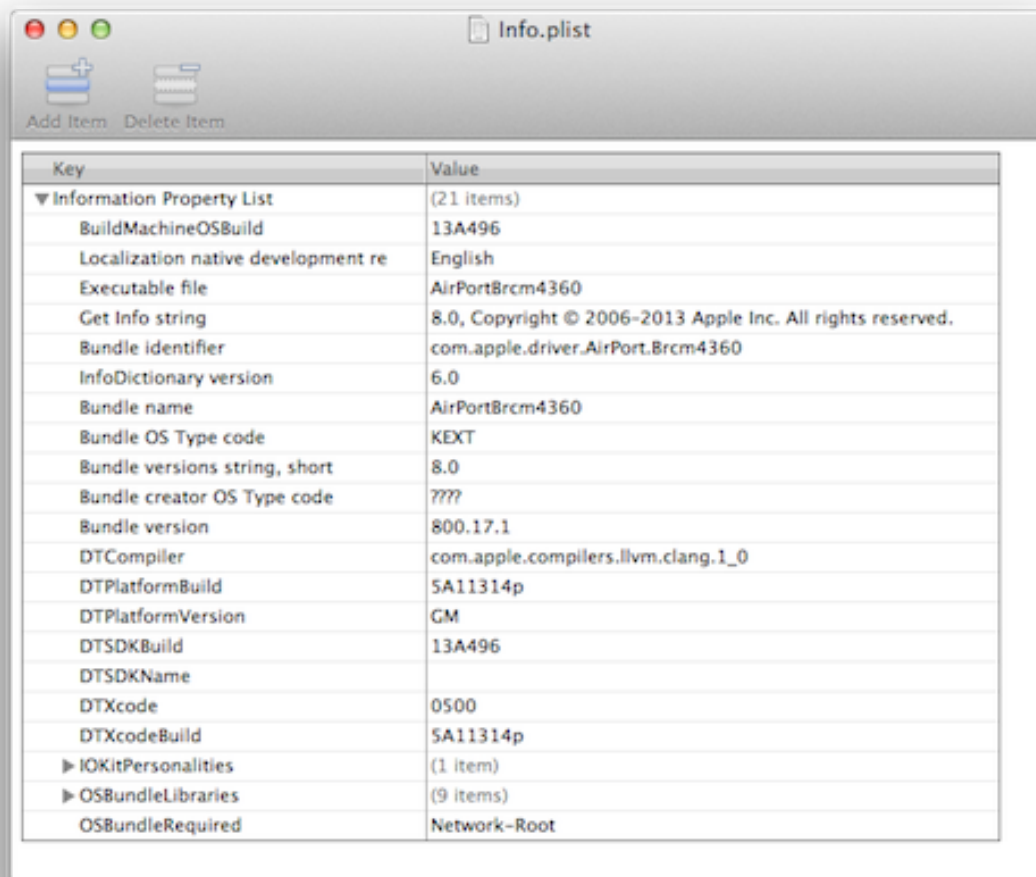
See **Example** screenshots below

Configuration/Troubleshooting

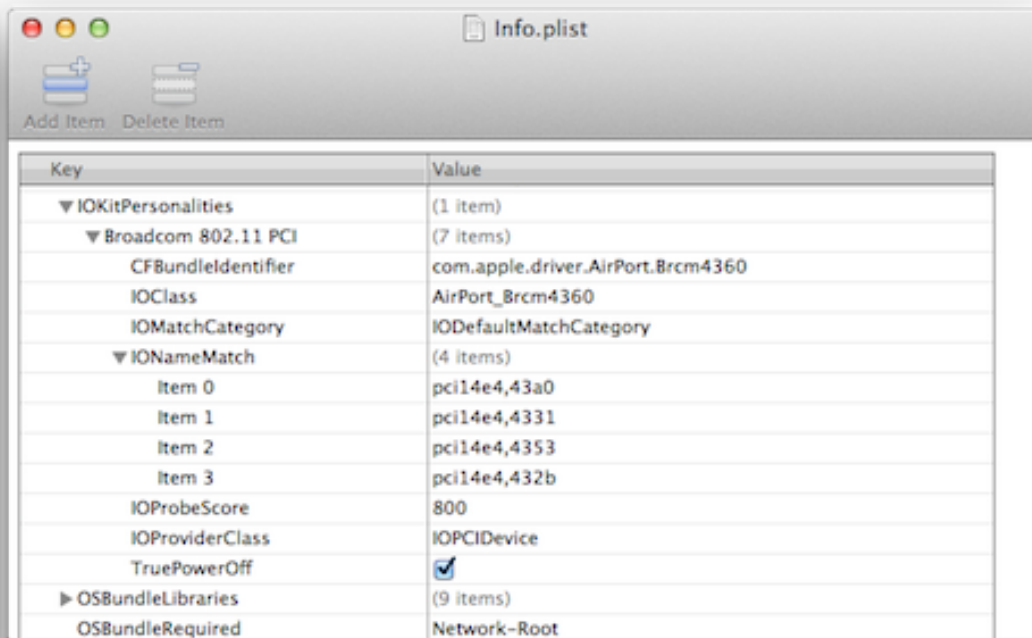
See [Guide] [airport_pcie-hm_details.pdf](#)

Example

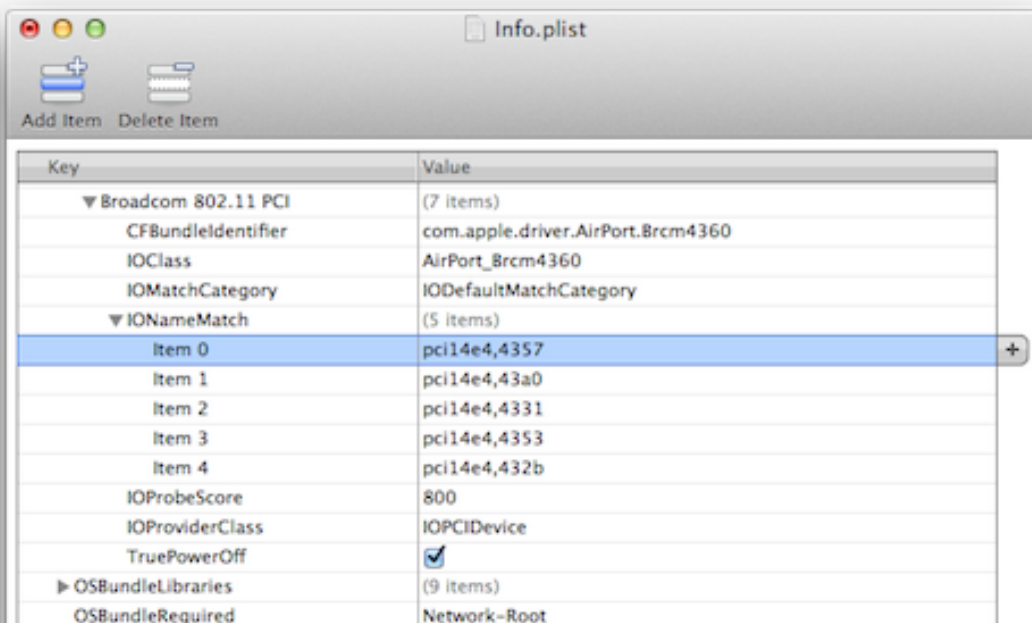
Property List Editor/Open/S/L/E/IO80211Family.kext/Contents/Plugins/AirPortBrcm4360.kext/Contents/Info.plist



Step 6 (before edit)



Step 8 (after edit)



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