

## **[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>pci14e4,4353</string>` Native
8. add: `<string>pci14e4,4357</string>` For BCM943225 HMB  
or add: `<string>pci14e4,43b1</string>` For BCM94352 HMB
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 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

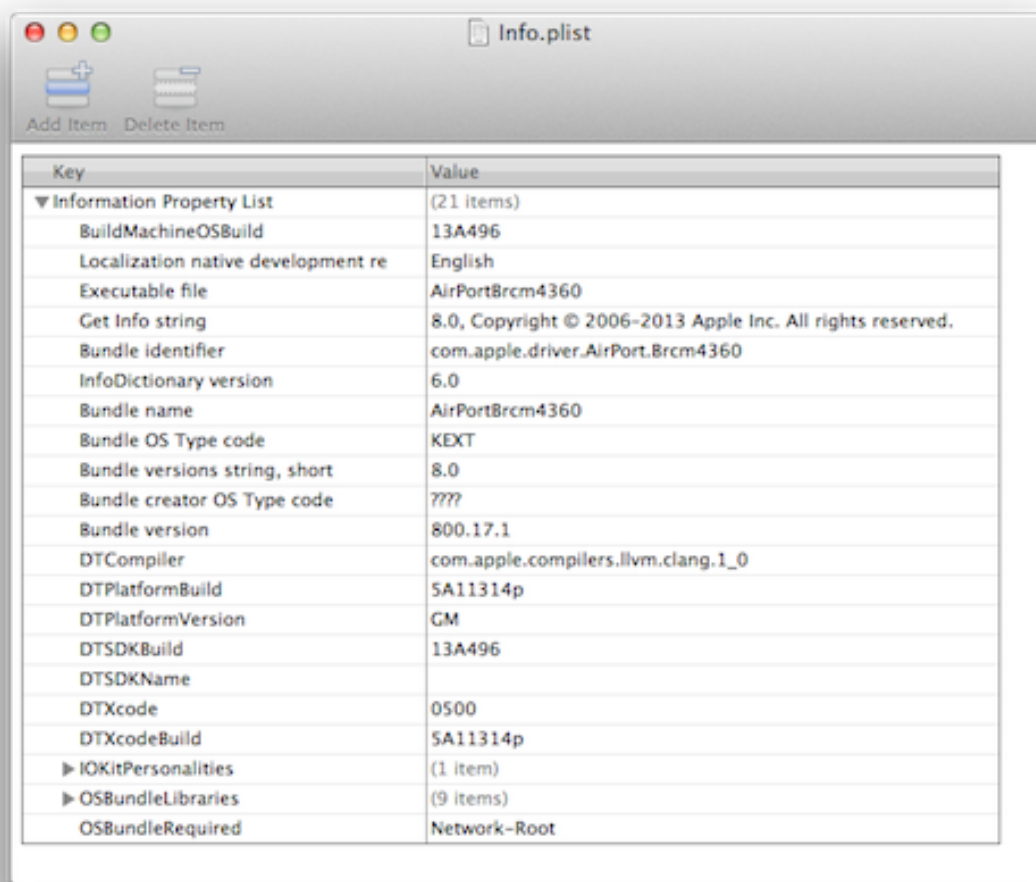
See **Example** screenshots below

## Configuration/Troubleshooting

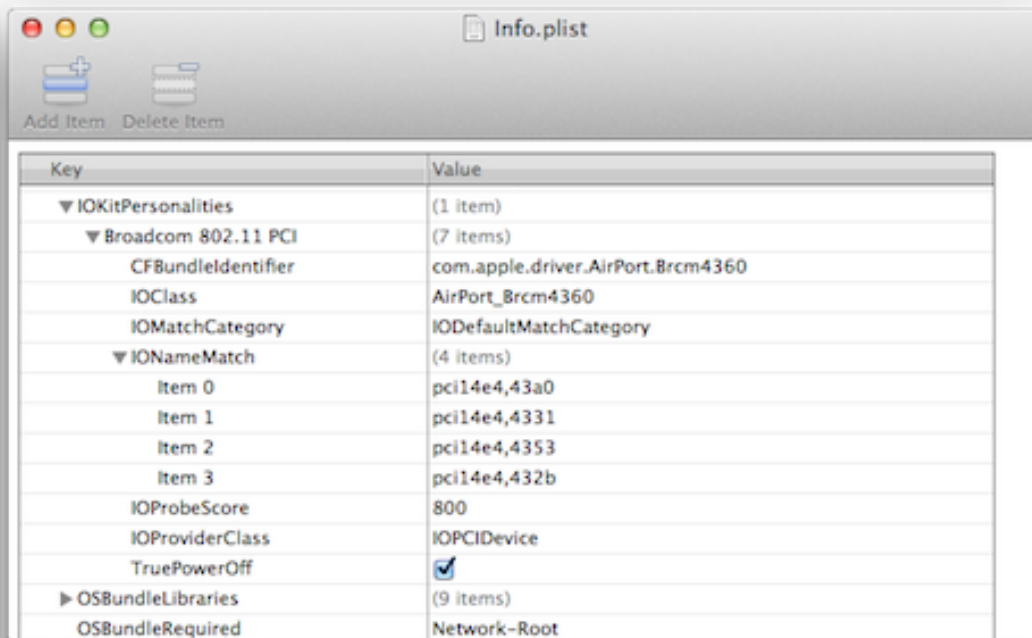
See [Guide] [airport\\_pcie-hm\\_details.pdf](#)

### Example

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



Step 6 (before edit)

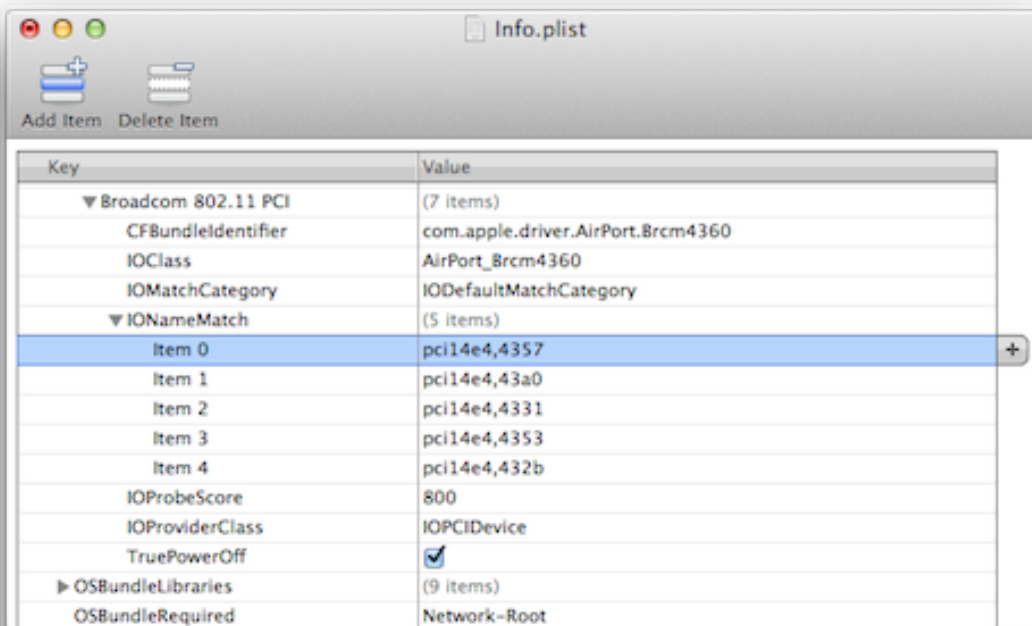


Info.plist

Add Item Delete Item

Key	Value
▼ IOKitPersonalities	(1 item)
▼ Broadcom 802.11 PCI	(7 items)
CFBundleIdentifier	com.apple.driver.AirPort.Brcm4360
IOClass	AirPort_Brcm4360
IOMatchCategory	IODefaultMatchCategory
▼ IONameMatch	(4 items)
Item 0	pci14e4,43a0
Item 1	pci14e4,4331
Item 2	pci14e4,4353
Item 3	pci14e4,432b
IOProbeScore	800
IOProviderClass	IOPCIDevice
TruePowerOff	<input checked="" type="checkbox"/>
► OSBundleLibraries	(9 items)
OSBundleRequired	Network-Root

Step 8 (after edit)



Info.plist

Add Item Delete Item

Key	Value
▼ Broadcom 802.11 PCI	(7 items)
CFBundleIdentifier	com.apple.driver.AirPort.Brcm4360
IOClass	AirPort_Brcm4360
IOMatchCategory	IODefaultMatchCategory
▼ IONameMatch	(5 items)
Item 0	pci14e4,4357
Item 1	pci14e4,43a0
Item 2	pci14e4,4331
Item 3	pci14e4,4353
Item 4	pci14e4,432b
IOProbeScore	800
IOProviderClass	IOPCIDevice
TruePowerOff	<input checked="" type="checkbox"/>
► OSBundleLibraries	(9 items)
OSBundleRequired	Network-Root

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