

Erledigt

## macOS High Sierra Erfahrungen

Beitrag von „Mork vom Ork“ vom 8. Juni 2017, 03:14

Interessant ist schonmal, das dieses ROM fünf Anschlüsse zur Verfügung stellt:

```
Last login: Thu Jun 8 02:44:37 on console
HighSierra:~          md$          /Applications/Decoders/radeon_bios_decode      <
/Users/md/Downloads/Video/1002.67ef.from_ioreg_0.rom
ATOM BIOS Rom:
SubsystemVendorID: 0x106b SubsystemID: 0x0167
IOBaseAddress: 0x0000
Filename: C9801AL.028
BIOS Bootup Message:
Falcon BaffinM LEA A1 GDDR5 4GB 256Mx32 214e/300m
```

```
PCI ID: 1002:67ef
Connector at index 0
Type [@offset 22756]: eDP (14)
Encoder [@offset 22760]: INTERNAL_UNIPHY (0x1e)
i2cid [@offset 22866]: 0x90, OSX senseid: 0x1
HotPlugID: 1
Connector at index 1
Type [@offset 22766]: DisplayPort (10)
Encoder [@offset 22770]: INTERNAL_UNIPHY (0x1e)
i2cid [@offset 22893]: 0x91, OSX senseid: 0x2
HotPlugID: 2
Connector at index 2
Type [@offset 22776]: DisplayPort (10)
Encoder [@offset 22780]: INTERNAL_UNIPHY1 (0x20)
i2cid [@offset 22920]: 0x92, OSX senseid: 0x3
HotPlugID: 3
Connector at index 3
Type [@offset 22786]: DisplayPort (10)
Encoder [@offset 22790]: INTERNAL_UNIPHY1 (0x20)
i2cid [@offset 22947]: 0x93, OSX senseid: 0x4
HotPlugID: 4
Connector at index 4
Type [@offset 22796]: DisplayPort (10)
```

Encoder [@offset 22800]: INTERNAL\_UNIPHY2 (0x21)  
i2cid [@offset 22974]: 0x94, OSX senseid: 0x5  
HotPlugID: 5  
HighSierra:~ md\$ /Applications/Decoders/redsock\_bios\_decoder <  
/Users/md/Downloads/Video/1002.67ef.from\_ioreg\_0.rom  
C9801AL.028 :

Falcon BaffinM LEA A1 GDDR5 4GB 256Mx32 214e/300m

Subsystem Vendor ID: 106b  
Subsystem ID: 167  
Object Header Structure Size: 350  
Connector Object Table Offset: 48  
Router Object Table Offset: 0  
Encoder Object Table Offset: fb  
Display Path Table Offset: 12  
Connector Object Id [20] which is [EDP]  
encoder obj id [0x1e] which is [INTERNAL\_UNIPHY (osx txmit 0x20 [duallink 0x0] enc 0x1)]  
linkb: true  
Connector Object Id [19] which is [DISPLAY\_PORT]  
encoder obj id [0x1e] which is [INTERNAL\_UNIPHY (osx txmit 0x10 [duallink 0x0] enc 0x0)]  
linkb: false  
Connector Object Id [19] which is [DISPLAY\_PORT]  
encoder obj id [0x20] which is [INTERNAL\_UNIPHY1 (osx txmit 0x21 [duallink 0x1] enc 0x3)]  
linkb: true  
Connector Object Id [19] which is [DISPLAY\_PORT]  
encoder obj id [0x20] which is [INTERNAL\_UNIPHY1 (osx txmit 0x11 [duallink 0x1] enc 0x2)]  
linkb: false  
Connector Object Id [19] which is [DISPLAY\_PORT]  
encoder obj id [0x21] which is [INTERNAL\_UNIPHY2 (osx txmit 0x12 [duallink 0x2] enc 0x4)]  
linkb: false  
HighSierra:~ md\$

Noch viel interessanter aber ist der Umstand, das sowohl die HotPlugID, als auch die SenseID jeweils die gleichen sind und aufeinanderfolgend! Das hatte ich bisher bei NOCH KEINER AMD-Karte,  
die ich testen durfte. Ein weiterer Punkt ist, das diesem ROM ein GOP-Image fehlt. Muss mal eben in WINDOWS booten, um die AMD-ROM Version auszulesen. I'll be back.

EDIT#1: Legacy BIOS Build Number 367674 - zum Vergleich mal die meiner RX460: Legacy BIOS Build Number 354046

Und obwohl hier kein GOP enthalten ist, ist die ROM Größe (Deine: Image size 0xEC00) größer als die meiner RX460 (Image size 0xE400).





Code

- |                                                |                                 |
|------------------------------------------------|---------------------------------|
| 1. Mein ROM:                                   | 1.                              |
| 2. =====                                       | 2. =====                        |
| 3. Image 1 -- Offset 0x0                       | 3.                              |
| 4. =====                                       | 4.                              |
| 5. ROM header contents:                        | 5.                              |
| 6. Signature 0xAA55                            | 6.                              |
| 7. PCIR offset 0x0250                          | 7.                              |
| 8. PCI Data Structure                          | 8.                              |
| 9. Signature PCIR                              | 9.                              |
| 10. Vendor ID 0x1002                           | 10.                             |
| 11. Device ID 0x67EF                           | 11.                             |
| 12. PCI Revision 0x00                          | 12.                             |
| 13. Image size 0xE400                          | 13.                             |
| 14. Code revision 0x0F32                       | 14. Dein ROM:                   |
| 15. Indicator 0x00 (Not last image)            | 15. =====                       |
| 16. Code type 0x00 (PCAT Image)                | 16. Image 1 -- Offset 0x0       |
| 17. Legacy BIOS File Name 344P05M6.OH9         | 17. =====                       |
| 18. Legacy BIOS Part Number 113-C9940104-009   | ROM header contents:            |
| 19. Legacy BIOS Build Number 354046            | 18. Signature 0xAA55            |
| 20. Legacy BIOS Change List 1293370            | PCIR offset 0x024C              |
| 21. ByteChecksum 0                             | 19. PCI Data Structure          |
| 22. Image 2 -- Offset 0xE400                   | 20. Signature PCIR              |
| 23. =====                                      | 21. Vendor ID 0x1002            |
| 24. ROM header contents:                       | Device ID 0x67EF                |
| 25. Signature 0xAA55                           | PCI Revision 0x00               |
| 26. PCIR offset 0x001C                         | Image size 0xEC00               |
| 27. PCI Data Structure                         | Code revision 0x0F32            |
| 28. Signature PCIR                             | Indicator 0x80 (last image)     |
| 29. Vendor ID 0x1002                           | Code type 0x00 (PCAT Image)     |
| 30. Device ID 0x67EF                           | Legacy BIOS File Name           |
| 31. PCI Revision 0x00                          | C9801AL.028                     |
| 32. Image size 0xE800                          | Legacy BIOS Part Number 113-    |
| 33. Code revision 0x0000                       | C9801AL-028                     |
| 34. Indicator 0x80 (last image)                | Legacy BIOS Build Number 367674 |
| 35. Code type 0x03 (EFI Image)                 | Legacy BIOS Change List 1347306 |
| 36. EFI Signature 0x0EF1                       | ByteChecksum 0                  |
| 37. Compression Type 0x0001 (compressed)       |                                 |
| 38. Machine type 0x8664 (X64)                  | Alles anzeigen                  |
| 39. Subsystem 0x000B (EFI boot service driver) |                                 |
| 40. EFI image offset 0x0058 (abs: 0xE458)      |                                 |
| 41.                                            |                                 |
| 42.                                            |                                 |
| 43. Dump Gop Driver Info:                      |                                 |
| 44. Machine type code X64                      |                                 |
| 45. Size Of Gop Image 98144 (95 KB)            |                                 |
| 46. GOP Driver Name# AMD2GOP                   |                                 |

