

# ASUS Rampage VI Extreme (original) with Radeon VII

Beitrag von „juantrix“ vom 22. Dezember 2020, 16:44

## Thunderbolt

I have a gigabyte GC-Titan Ridge Card.... there are a lots of information in this forum thanks to DSM2 about [flash it with a programmer](#), jumpers pins to force power... needed to appear in system info - hardware - Thunderbolt.

If you have a no flashed card (modified firmware), you can obtain hotplug only with a correct aml for your card.

Asus ThunderboltEX (Alpine ridge) (need to be configured in bios and connect to mobo).

more info:

### ASUS-THUNDERBOLT-EX-3

[REMOVED by DSM2 - Tonystuff links are not welcome here...](#)

### Thunderbolt SSDT with Custom DROM

[Personalized SSDT](#)

## AQC107

If you have problems with AQC107... Remember to update the firmware...

A long time ago, used Aquantia Diag Tool Software to update the initial 1.50 firmware from windows.

[AQC firmware](#)

I used SSDT-X299-AQC107.aml in Clover...

In Opencore, properties can be added directly in config.plist

Code

1. `<key>DeviceProperties</key>`
2. `<dict>`
3. `<key>Add</key>`
4. `<dict>`

5. <key>PciRoot(0x0)/Pci(0x1C,0x4)/Pci(0x0,0x0)</key>
6. <dict>
7. <key>AAPL,slot-name</key>
8. <string>Built In</string>
9. <key>device\_type</key>
10. <string>Ethernet controller</string>
11. <key>model</key>
12. <string>AQC107</string>
13. </dict>

Alles anzeigen

Patch it necessary.(kernel - Patch)

Code

1. <dict>
2. <key>Arch</key>
3. <string>Any</string>
4. <key>Base</key>
5. <string></string>
6. <key>Comment</key>
7. <string>Aquantia 10Gbe Patch</string>
8. <key>Count</key>
9. <integer>0</integer>
10. <key>Enabled</key>
11. <true/>
12. <key>Find</key>
13. <data>D4TAAgAA</data>
14. <key>Identifier</key>
15. <string>com.apple.driver.AppleEthernetAquantiaAqtion</string>
16. <key>Limit</key>
17. <integer>0</integer>
18. <key>Mask</key>
19. <data></data>
20. <key>MaxKernel</key>
21. <string></string>
22. <key>MinKernel</key>
23. <string></string>
24. <key>Replace</key>
25. <data>Zg8fRAAA</data>
26. <key>ReplaceMask</key>
27. <data></data>

28. <key>Skip</key>
29. <integer>0</integer>
30. </dict>

Alles anzeigen