

# gfxutil im recovery mode

Beitrag von „al6042“ vom 26. September 2020, 11:03

Ich denke folgender Wiki-Eintrag sollte hier helfen -> [5. Welche Hardware wurde in meinem Gerät verbaut?](#)

Der `lspci` kann auch mit anderen Optionen ausgeführt werden, um die PCI-Adressen herauszufinden.

Wobei der `lspci -nn` ausreicht:

```
al6042@al6042s-MacBook-Pro:~ % lspci -nn
00:00.0 Host bridge [8080]: Intel Corporation 82801/8285 Memory Controller Hub [8080:244d] (rev 02)
00:01.0 PCI bridge [8080]: Intel Corporation 8253 Express PCI Express Root Port [8080:244e] (rev 02)
00:02.0 Bridgeclass class [8080]: Marvell, Inc. Virtuo Machmo Communications Interface [8080:0000]
00:03.0 Ethernet controller [8080]: Realtek Semiconductor Corp. RTL8168 network device [8080:0000]
00:04.0 PCI bridge [8080]: Rascal Equipment Corporation DECchip 21150 [8080:0002]
00:05.0 RAM memory [0500]: Realtek, Inc. Virtuo Memory Station [8080:0001]
00:14.0 USB controller [8080]: Intel Corporation 82802ZF/7M/PM/PM/PM/PM (25NM Family) USB UHCI #1 [8080:244f] (rev 02)
00:14.1 USB controller [8080]: Intel Corporation 82802ZF/7M/PM/PM/PM/PM (25NM Family) USB UHCI #2 [8080:2450] (rev 02)
00:14.2 USB controller [8080]: Intel Corporation 82802ZF/7M/PM/PM/PM/PM (25NM Family) USB UHCI Controller [8080:2451] (rev 02)
00:14.3 PCI bridge [8080]: Intel Corporation 82801 PCI Bridge [8080:244d] (rev 72)
00:1f.0 ISA bridge [8080]: Intel Corporation 82801M/82803M (ICH6M) LPC Interface Controller [8080:244b] (rev 02)
00:1f.1 IDE interface [8080]: Intel Corporation 82801M/82803M IDE Controller [8080:244a] (rev 02)
00:1f.2 SATA controller [8080]: Intel Corporation 82801M/82803M (ICH6M) SATA Controller [UHCI mode] [8080:244c] (rev 02)
00:1f.3 USB [8080]: Intel Corporation 82801M/82803M (ICH6M) USB Controller [8080:244d] (rev 02)
00:1f.4 Multimedia audio controller [8080]: Intel Corporation 82801M/82803M AC'97 Audio Controller [8080:2448] (rev 02)
01:00.0 VGA compatible controller [0300]: Matrox, Inc. Accelerated Virtual Video Adapter [8080:0000]
```

Zeigt am Anfang die PCI-Adresse und am Ende die Vendor-/Device-IDs.