

HW

..... 3

HW

dmesg / messages

가

```
[210684.261133] {2}[Hardware Error]: Hardware error from APEI Generic
Hardware Error Source: 1
[210684.261134] {2}[Hardware Error]: event severity: fatal
[210684.261135] {2}[Hardware Error]: Error 0, type: fatal
[210684.261135] {2}[Hardware Error]: section_type: PCIe error
[210684.261135] {2}[Hardware Error]: port_type: 4, root port
[210684.261136] {2}[Hardware Error]: version: 3.0
[210684.261136] {2}[Hardware Error]: command: 0x0547, status: 0x4010
[210684.261136] {2}[Hardware Error]: device_id: 0000:16:01.0
# <<-
[210684.261137] {2}[Hardware Error]: slot: 82
[210684.261137] {2}[Hardware Error]: secondary_bus: 0x18
# <<-
[210684.261137] {2}[Hardware Error]: vendor_id: 0x8086, device_id: 0x2031
[210684.261138] {2}[Hardware Error]: class_code: 000406
[210684.261138] {2}[Hardware Error]: bridge: secondary_status: 0x0000,
control: 0x0013
[210684.261139] {2}[Hardware Error]: aer_uncor_status: 0x00000020,
aer_uncor_mask: 0x00100000
[210684.261139] {2}[Hardware Error]: aer_uncor_severity: 0x00062030
[210684.261139] {2}[Hardware Error]: TLP Header: 00000000 00000000
00000000 00000000
[210684.261140] Kernel panic - not syncing: Fatal hardware error!
```

```
16:01.0
      . device_id
      .
      lspci
```

```
$ lspci -s 16:01.0 -vv
```

```
16:01.0 PCI bridge: Intel Corporation Sky Lake-E PCI Express Root Port B
(rev 02) (prog-if 00 [Normal decode])
    Physical Slot: 82
    Control: I/O+ Mem+ BusMaster+ SpecCycle- MemWINV- VGASnoop- ParErr+
Stepping- SERR+ FastB2B- DisINTx+
    Status: Cap+ 66MHz- UDF- FastB2B- ParErr- DEVSEL=fast >TAbort-
<TAbort- <MAbort- >SERR- <PERR- INTx-
    Latency: 0, Cache Line Size: 64 bytes
    Interrupt: pin A routed to IRQ 29
    NUMA node: 0
    Bus: primary=16, secondary=18, subordinate=1b, sec-latency=0
    I/O behind bridge: [disabled]
```

```
Memory behind bridge: 97700000-97afffff [size=4M]
Prefetchable memory behind bridge: 0000000092000000-00000000972fffff
[size=83M]
Secondary status: 66MHz- FastB2B- ParErr- DEVSEL=fast >TAbort-
<TAbort- <MAbort+ <SERR- <PERR-
BridgeCtl: Parity+ SERR+ NoISA- VGA- VGA16+ MAbort- >Reset- FastB2B-
PriDiscTmr- SecDiscTmr- DiscTmrStat- DiscTmrSERREn-
Capabilities: <access denied>
Kernel driver in use: pcieport
```

```
PCI Bridge
PCI 가 가 . 가
-t 가 tree . -tvvnnQ .
```

```
$ lspci -s 16:01.0 -tvv
0000:16:01.0-[18-1b]----00.0-[19-1b]----03.0-[1a-1b]---+00.0 Intel
Corporation Ethernet Connection X722 for 1GbE
+-00.1 Intel
Corporation Ethernet Connection X722 for 1GbE
+-00.2 Intel
Corporation Ethernet Connection X722 for 1GbE
\ -00.3 Intel
Corporation Ethernet Connection X722 for 1GbE
```

From: <https://at1.kr/dokuwiki/> - AllThatLinux!

Permanent link: https://at1.kr/dokuwiki/doku.php/hw_%EC%9E%A5%EC%95%A0_%ED%99%95%EC%9D%B8?rev=1643168949

Last update: 2022/01/26 03:49

