

Miscellaneous

Useful Commands

Card Usage

One may check the card usage status with "hl-smi".

```
hl-smi
```

The **hl-smi** will display a report. Look at the bottom box. Here it shows that HPU 1 is running a process. The other HPUs are not running.

```
+-----+
---+
| HL-SMI Version:                               hl-1.4.1-rc-fw-35.0.2.0
|
| Driver Version:                               1.4.1-1f3054c
|
+-----+-----+-----+-----+-----+
---+
| AIP  Name          Persistence-M| Bus-Id          Disp.A | Volatile Uncorr.
ECC |
| Fan  Temp  Perf  Pwr:Usage/Cap|          Memory-Usage | AIP-Util  Compute
M. |
+=====+=====+=====+=====+=====+
===|
|  0  HL-205                N/A  | 0000:19:00.0      N/A  |
0 |
| N/A   35C   N/A   100W / 350W | 32454Mib / 32768Mib |      63%
N/A |
+-----+-----+-----+-----+-----+
---+
|  1  HL-205                N/A  | 0000:b3:00.0      N/A  |
0 |
| N/A   28C   N/A   98W / 350W | 32254Mib / 32768Mib |      13%
N/A |
+-----+-----+-----+-----+-----+
---+
|  2  HL-205                N/A  | 0000:b4:00.0      N/A  |
0 |
| N/A   20C   N/A   107W / 350W |   512Mib / 32768Mib |      16%
N/A |
+-----+-----+-----+-----+-----+
---+
|  3  HL-205                N/A  | 0000:cc:00.0      N/A  |
0 |
| N/A   26C   N/A   107W / 350W |   512Mib / 32768Mib |      16%
```

```
N/A |
|-----+-----+-----+
---+
| 4 HL-205 N/A | 0000:cd:00.0 N/A |
0 |
| N/A 30C N/A 102W / 350W | 512Mib / 32768Mib | 14%
N/A |
|-----+-----+-----+
---+
| 5 HL-205 N/A | 0000:1a:00.0 N/A |
0 |
| N/A 25C N/A 103W / 350W | 512Mib / 32768Mib | 14%
N/A |
|-----+-----+-----+
---+
| 6 HL-205 N/A | 0000:33:00.0 N/A |
0 |
| N/A 25C N/A 103W / 350W | 512Mib / 32768Mib | 15%
N/A |
|-----+-----+-----+
---+
| 7 HL-205 N/A | 0000:34:00.0 N/A |
0 |
| N/A 27C N/A 102W / 350W | 512Mib / 32768Mib | 14%
N/A |
|-----+-----+-----+
---+
| Compute Processes: AIP
Memory |
| AIP PID Type Process name Usage
|
|=====
===|
| 0 N/A N/A N/A N/A
|
| 1 2006754 C python 31742Mib
|
| 2 N/A N/A N/A N/A
|
| 3 N/A N/A N/A N/A
|
| 4 N/A N/A N/A N/A
|
| 5 N/A N/A N/A N/A
|
| 6 N/A N/A N/A N/A
|
| 7 N/A N/A N/A N/A
|
|=====
===+
```

How busy is the system?

Use one of

top
htop