

```
user@user-pc:~$ rocminfo
ROcK module is loaded
Able to open /dev/kfd read-write
```

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=====
HSA System Attributes
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=====
Runtime Version:      1.1
System Timestamp Freq.: 1000.000000MHz
Sig. Max Wait Duration: 18446744073709551615 (0xFFFFFFFFFFFFFFFF) (timestamp count)
Machine Model:      LARGE
System Endianness:  LITTLE
```

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=====
HSA Agents
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```
*****
Agent 1
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```
*****
Name:                Intel(R) Core(TM) i3-6100 CPU @ 3.70GHz
Uuid:                CPU-XX
Marketing Name:      Intel(R) Core(TM) i3-6100 CPU @ 3.70GHz
Vendor Name:        CPU
Feature:             None specified
Profile:             FULL_PROFILE
Float Round Mode:   NEAR
Max Queue Number:   0(0x0)
Queue Min Size:     0(0x0)
Queue Max Size:     0(0x0)
Queue Type:         MULTI
Node:               0
Device Type:        CPU
Cache Info:
  L1:                32768(0x8000) KB
Chip ID:            0(0x0)
Cacheline Size:    64(0x40)
Max Clock Freq. (MHz): 3700
BDFID:             0
Internal Node ID:  0
Compute Unit:      4
SIMDs per CU:      0
Shader Engines:    0
Shader Arrs. per Eng.: 0
WatchPts on Addr. Ranges:1
Features:          None
Pool Info:
  Pool 1
    Segment:         GLOBAL; FLAGS: KERNARG, FINE GRAINED
    Size:            32844720(0x1f52bb0) KB
    Allocatable:    TRUE
    Alloc Granule:  4KB
    Alloc Alignment: 4KB
    Accessible by all: TRUE
  Pool 2
    Segment:         GLOBAL; FLAGS: COARSE GRAINED
    Size:            32844720(0x1f52bb0) KB
    Allocatable:    TRUE
    Alloc Granule:  4KB
    Alloc Alignment: 4KB
    Accessible by all: TRUE
ISA Info:
  N/A
```

```
*****
Agent 2
```

```
*****
Name:                gfx803
Uuid:                GPU-XX
Marketing Name:      Ellesmere [Radeon RX 470/480/570/570X/580/580X/590]
Vendor Name:        AMD
Feature:             KERNEL_DISPATCH
Profile:             BASE_PROFILE
Float Round Mode:   NEAR
Max Queue Number:   128(0x80)
Queue Min Size:     4096(0x1000)
Queue Max Size:     131072(0x20000)
Queue Type:         MULTI
Node:               1
Device Type:        GPU
Cache Info:
  L1:                16(0x10) KB
Chip ID:            26591(0x67df)
Cacheline Size:    64(0x40)
Max Clock Freq. (MHz): 1366
BDFID:             256
```

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Internal Node ID:      1
Compute Unit:         36
SIMDs per CU:         4
Shader Engines:       4
Shader Arrs. per Eng.: 1
WatchPts on Addr. Ranges:4
Features:              KERNEL_DISPATCH
Fast F16 Operation:   FALSE
Wavefront Size:       64(0x40)
Workgroup Max Size:   1024(0x400)
Workgroup Max Size per Dimension:
  x                    1024(0x400)
  y                    1024(0x400)
  z                    1024(0x400)
Max Waves Per CU:     40(0x28)
Max Work-item Per CU: 2560(0xa00)
Grid Max Size:        4294967295(0xffffffff)
Grid Max Size per Dimension:
  x                    4294967295(0xffffffff)
  y                    4294967295(0xffffffff)
  z                    4294967295(0xffffffff)
Max fbarriers/Workgrp: 32
Pool Info:
  Pool 1
    Segment:           GLOBAL; FLAGS: COARSE GRAINED
    Size:              8388608(0x800000) KB
    Allocatable:       TRUE
    Alloc Granule:     4KB
    Alloc Alignment:   4KB
    Accessible by all: FALSE
  Pool 2
    Segment:           GROUP
    Size:              64(0x40) KB
    Allocatable:       FALSE
    Alloc Granule:     0KB
    Alloc Alignment:   0KB
    Accessible by all: FALSE
ISA Info:
  ISA 1
    Name:              amdgcnc-amd-amdhsa--gfx803
    Machine Models:    HSA_MACHINE_MODEL_LARGE
    Profiles:          HSA_PROFILE_BASE
    Default Rounding Mode: NEAR
    Default Rounding Mode: NEAR
    Fast f16:          TRUE
    Workgroup Max Size: 1024(0x400)
    Workgroup Max Size per Dimension:
      x                1024(0x400)
      y                1024(0x400)
      z                1024(0x400)
    Grid Max Size:    4294967295(0xffffffff)
    Grid Max Size per Dimension:
      x                4294967295(0xffffffff)
      y                4294967295(0xffffffff)
      z                4294967295(0xffffffff)
    FBarrier Max Size: 32
```

*** Done ***