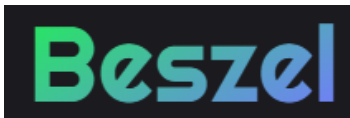


# GPU Monitoring



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## GPU Monitoring

Beszel can monitor GPU usage, temperature, and power draw for select devices. This feature is currently only available in the **binary agent**, not in the Docker agent.

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### Binary Agent Only

**The Docker agent does not support GPU monitoring.** You must use the binary agent if you need GPU metrics. For installation and usage details, refer to the official Beszel documentation on [installing the binary agent](#).

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### AMD GPUs

Beszel uses `rocm-smi` to monitor AMD GPUs. Ensure `rocm-smi` is installed on the system running the agent.

- **Installation Path:** On Arch and Debian systems, installing `rocm-smi-lib` typically places the binary in `/opt/rocm/bin`.
- **Symlink to `/usr/local/bin`:** If `/opt/rocm/bin` isn't in the user's `PATH`, create a symlink:

```
sudo ln -s /opt/rocm/bin/rocm-smi /usr/local/bin/rocm-smi
```

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## Nvidia GPUs

Beszel uses `nvidia-smi` to monitor Nvidia GPUs. This must be installed on the system.

- **Nvidia Jetson Devices:** Jetson boards are *not compatible* with `nvidia-smi` and are *not currently supported*. It may be possible to use `tegrastats` to track some metrics, but full support is not yet implemented.

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## Intel GPUs

Intel GPUs are not currently supported due to:

1. No test hardware is available to the developer.
2. There is no straightforward utility akin to `nvidia-smi` for real-time Intel GPU metrics (utilization, memory usage).

Please see [issue #262](#) for more information or to track progress on Intel GPU support.

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