Migrate your application from the desktop to the datacenter

- ROCm is the open-source software stack for Graphics Processing Unit (GPU) programming. ROCm spans several domains: General-Purpose computing on GPUs (GPGPU), High Performance Computing (HPC) and heterogeneous computing.
- The latest AMD ROCm 6.1.3 software stack for GPU programming unlocks the massively parallel compute power of these RDNA 3 GPUs for use with various ML frameworks. The same software stack also supports AMD CDNA™ GPU architecture, so developers can migrate applications from their preferred framework into the datacenter.

Freedom to customize

ROCm is primarily Open-Source Software (OSS) that allows developers the freedom to customize and tailor their GPU software for their own needs while collaborating with a community of other developers, and helping each other find solutions in an agile, flexible, rapid and secure manner. AMD ROCm allows users to maximize their GPU hardware investment. ROCm is designed to help develop, test and deploy GPU accelerated HPC, AI, scientific computing, CAD, and other applications in a free, open-source, integrated and secure software ecosystem.

Improved interoperability

- Support for PyTorch, one of the leading ML frameworks.
- Support for ONNX Runtime to perform inference on a wider range of source data, including INT8 with MIGraphX.
- Support for TensorFlow.

Note: Visit AMD ROCm Documentation for the latest on ROCm.

For the latest driver installation packages, visit Linux Drivers for Radeon Software.
