

Overview

Organizations can run Kinetica's GPU-accelerated data platform on Oracle Cloud Infrastructure (OCI) for high performance, scalable, and cost-effective solutions. Users can process and analyze massive data sets on OCI's virtual machines and bare metal GPU instances more efficiently, making them ideal for complex machine learning (ML), artificial intelligence (AI) algorithms, and many industrial HPC applications. The Kinetica Active Analytics Platform is integrated with Oracle Cloud and available in the Oracle Cloud Marketplace.

Enterprises worldwide trust Oracle to build and run their most critical workloads in the cloud. Oracle has the first cloud built from the ground up to support the needs of enterprise environments running critical, high performance core business systems. OCI enables enterprises to securely run mission-critical enterprise application and database workloads with unmatched performance and the strongest service-level agreements (SLAs) in cloud computing.

OCI is built for the enterprise and benefits include:

- Superior performance and consistent results
- Predictable pricing and lower costs
- Support for enterprise workload migration and new app development

OCI offers bare metal GPU servers, without the hypervisor overhead to deliver uncompromising and predictable performance.

These shapes provides a balance of cores, memory and network resources.

- Remote block volumes deliver low latency, up to 25,000 IOPS per volume, and are configurable from 50 GB to 16 TB per volume.

GPU Instance Details

Shape	Graphics Processor	Central Processor	GPU	OCPU	Memory (GB)	Storage
VM.GPU2.1	NVIDIA Tesla P100	2.0 GHz Intel® Xeon® Platinum 8167M	1	12	104	Up to 1PB of remote block volumes
BM.GPU2.2	NVIDIA Tesla P100	2.0 GHz Intel® Xeon® Platinum 8167M	2	28	192	Up to 1PB of remote block volumes
VM.GPU.3.1	NVIDIA Tesla V100	2.0 GHz Intel® Xeon® Platinum 8167M	1	6	90	Up to 1PB of remote block volumes
VM.GPU3.2	NVIDIA Tesla V100	2.0 GHz Intel® Xeon® Platinum 8167M	2	12	180	Up to 1PB of remote block volumes
VM.GPU3.4	NVIDIA Tesla V100	2.0 GHz Intel® Xeon® Platinum 8167M	4	24	360	Up to 1PB of remote block volumes
BM.GPU3.8	NVIDIA Tesla V100	2.0 GHz Intel® Xeon® Platinum 8167M	8	52	768	Up to 1PB of remote block volumes

Kinetica's Kafka Connector has received Integrated with Oracle Cloud status and is available in the Oracle Cloud Marketplace. The Kafka Connector enables customers to deploy and integrate OCI Streaming service (Kafka compatibility) with Kinetica. Customers can also connect their ATP and ADW instances to Kinetica using ODBC and JDBC connectors and use Kinetica as a unified analytics solution on OCI, for both historical and streaming data.

For more information on the Kinetica Active Analytics Platform visit [kinetica.com](https://www.kinetica.com)