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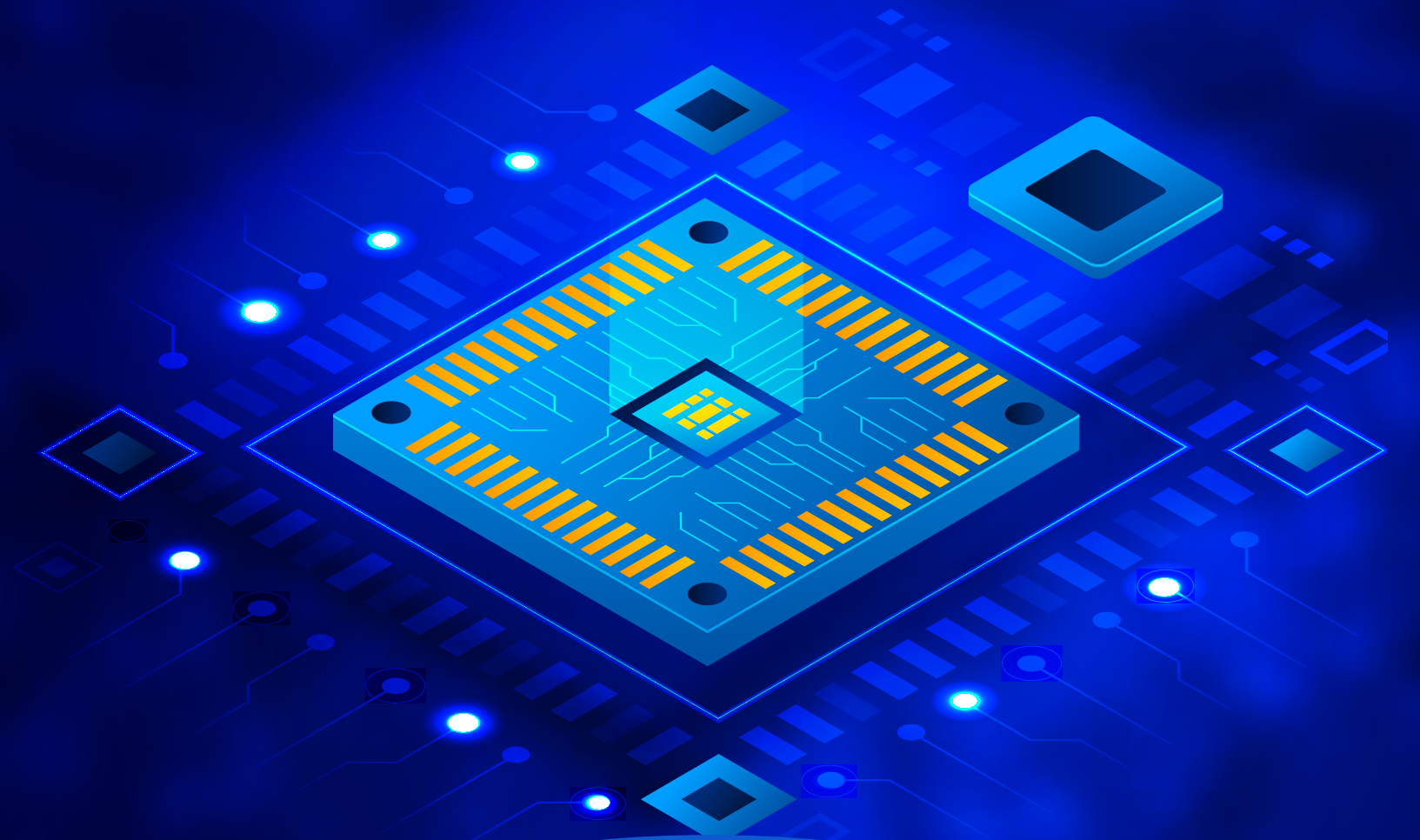

GPU Virtual Machine AMD

Accelerate AI, HPC, and Data Workloads —
with AMD MI300x GPU Power

JioCloud

JioCloud GPU Virtual Machine AMD lets teams train large models, process data faster, and run simulations at scale — with fully managed GPU infrastructure.

The Challenge

- Training large AI models takes time and slows down release cycles.
- HPC workloads often face constraints due to limited compute capacity.
- On-prem GPU setups are expensive and hard to scale.
- Access to high-end GPUs like AMD MI300x is limited.
- Scaling AI and data pipelines across teams is difficult with traditional infrastructure.
- Handling large datasets requires GPU power that's not always available.
- Many teams lack expertise to manage GPU environments efficiently.
- Multi-user GPU resource management adds complexity as projects grow.

The JioCloud Solution

JioCloud GPU Virtual Machine AMD offers powerful, scalable virtual machines built on AMD MI300x GPUs. Designed for deep learning, HPC, and data processing, these VMs help you train large models, process unstructured data, and run simulations faster — without the setup burden of physical infrastructure. Each VM includes pre-installed RoCM drivers and AI frameworks like PyTorch and TensorFlow, so teams can get started immediately. You can choose from flexible pricing options, manage the entire VM lifecycle on your own, and monitor performance in real time — all while scaling from one to eight GPUs as your needs grow.

Key Features

- **AMD MI300x GPU power**
  High memory bandwidth and compute performance optimised for AI/ML and HPC workloads.
- **Preinstalled RoCM drivers**
  Ready-to-use GPU environment supporting popular deep learning libraries.
- **AI-optimised VM setup**
  Ideal for LLMs, computer vision, NLP models, and training large datasets.
- **HPC and simulation support**
  Accelerate scientific workloads, engineering models, and climate simulations.
- **Flexible pricing plans**
  Available as on-demand or reserved instances - monthly or long-term.
- **End-to-end monitoring**
  Track GPU usage, memory bandwidth, temperature, and system metrics in real

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What You Gain

- Train deep learning and LLM models faster, reducing time to production.
- Accelerate simulations and data processing for research and analytics.
- Deploy AI environments without time-consuming setup.
- Scale up or down between 1 and 8 GPUs based on project requirements.
- Manage usage and costs through flexible billing options.
- Optimize performance with built-in observability and metrics.

Use Cases in Action

Retail personalization

Train recommendation engines quickly using customer behavior data for real-time, personalized shopping experiences.

Medical research

Speed up drug discovery and genomic analysis with GPU-accelerated AI models for simulation and prediction.

Climate modeling

Run large-scale environmental simulations with faster training and inference cycles for better forecasting.

Log chatbots for RCA

Use AI chatbots to analyze large volumes of logs in plain English, reducing RCA time and speeding up issue resolution.

Who It's For

AI/ML engineers and data scientists

Data platform, DevOps, and MLOps teams

HPC researchers and simulation labs

CIOs and infrastructure leaders

Academic and research institutions

Why JioCloud

Fully managed GPU VMs: No setup required - get started instantly with pre-configured environments.

Scalable and flexible: Choose the GPU configuration and pricing plan that fits your workload.

High-performance compute: Run AI and simulation workloads with MI300x GPU performance.

Built-in observability: Monitor system health and GPU metrics for better tuning and efficiency.

Cost control: Scale as needed and pay based on actual usage - with transparent billing.

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Power Your AI with JioCloud GPU Virtual Machine AMD

Contact us at jpl.cloudsales@ril.com or visit (website) to get started.