HPC Cloud On-Demand Data Center
HPC CloudMart

Pay-As-You-Go HPC Cloud On-Demand for Less

If you have ever thought about running your HPC workloads in the Cloud or need to increase your computing capacity immediately without an up-front investment, now is the time to make that thought a reality with HPC CloudMart.
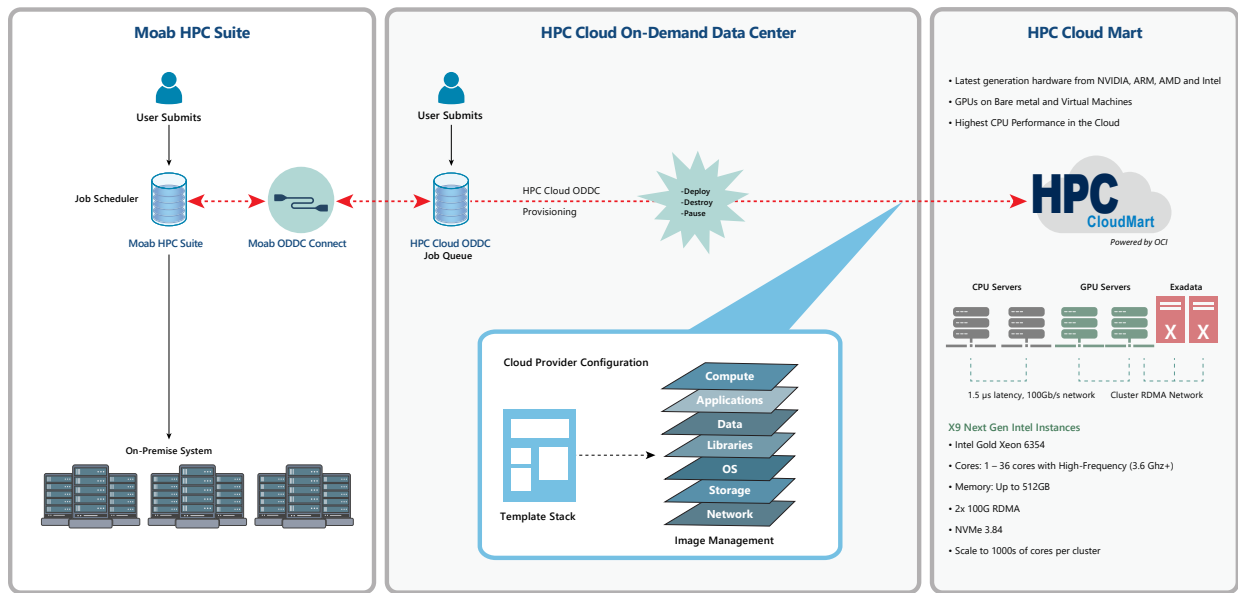
Tier 1 Cloud Service Providers such as AWS and Azure typically require an up-front cloud usage commitment contract for any type of pricing other than on-demand pricing which is always at the highest rate. When using HPC Cloud Mart (powered by OCI), Adaptive Computing offers special pricing structures that include a pay-as-you-go model where you will never pay an up-front cost, even for HPC in the Cloud On-Demand.

There are additional discounts based on particular infrastructure requirements and all-inclusive pricing. This is a highly cost-effective option to access HPC in the Cloud on an as-needed basis.

Latest Compute Hardware on OCI

HPC CloudMart is powered by OCI and offers the latest generation hardware from NVIDIA, ARM, AMD, and Intel which includes GPUs on Bare Metal and Virtual Machines. Dedicated bare metal instances support applications requiring high core counts, large amounts of memory, and high memory bandwidth. You will get performance that's comparable to on-premises along with advantages of Cloud.

OCI networking includes RDMA over converged Ethernet (RoCE) v2, creating clusters with the same low-latency networking and application scalability as on-premises clusters. OCI has the highest performing block storage and network and the fastest parallel file system performance. Oracle makes it easy to deploy GlusterFS, BeeGFS, Lustre, and IBM Spectrum Scale high performance file systems that can deliver up to 453 GBps aggregate throughput to HPC clusters.

Adaptive Computing's On-Demand Data Center running workloads on HPC CloudMart

About Adaptive Computing

Adaptive Computing is a global software company headquartered in Naples, Florida, USA that has provided advanced applications and tools to the world's largest High-Performance Computing installations for over 2 decades. We have a rock-solid industry reputation in HPC Workload Scheduling and Cloud Management Solutions and continue to solve IT management challenges in scale-intensive and complex environments worldwide. Adaptive Computing works with large commercial enterprises, government labs, and academic institutions. Some of the world's largest clusters, grids, and data centers use our Moab HPC Suite to maximize performance and value, simplify management, and create a competitive advantage. Our mission is to help organizations to enhance performance, improve efficiency and reduce costs.

www.adaptivecomputing.com   Contact Us