

You've purchased the world's most powerful AI system to handle your most complex AI challenges, so why not ensure that you can spend time using it instead of managing it.

Cirrascale Cloud Services provides customers with an inclusive managed services offering for the NVIDIA® DGX™ Systems that is on a level beyond any other cloud service or hosting company. Our NVIDIA DGX Systems Managed Services offering includes:

Optimized Power Redundancy and Management

We provide all the power necessary to run your NVIDIA DGX server. Our data centers are outfitted with a 2N power redundancy standard and A+B fully managed power service.

Unmatched Thermal Management Technology

Unlike anything you've seen before, Cirrascale places your DGX server into a highly-secure cabinet enclosure with ideal temperature control, incredible density, biometric identity verification, as well as clean-room quality air filtration. We are capable of supporting up to 52kW in a rack making us one of the few cloud services companies that can operate a full rack of NVIDIA DGX systems without throttling the GPUs.

Connectivity That Keeps You Going

Cirrascale provides blazing fast, fault tolerant, globally reaching connectivity services for our managed services clients. We provide a standard 10GbE connection to our servers, but additional options are available. With a mix of seven Tier-1 service providers, as well as the ability to connect via Megaport to other service providers like AWS, GCP or Azure, you gain access to connectivity options like never before.

Asset Management Beyond the Basics

Cirrascale gives customers true value and service when it comes to managing their assets. We handle installation, break/fix support, monitoring, and more. We manage warranty support, such as RMAs, and work with customers to provide asset upgrade services for your hardware when needed.

The Highest Level of Data Center Security

Cirrascale provides a secure cloud environment (SSAE-16 / ISAE SOC1 Type 2 and SOC2 Type 2). Our security protocols include gated and monitored facility grounds, 24/7 armed security, and biometric identity verification before you can even open a single equipment cabinet. Additionally, our facilities have no exposed power or connectivity wires, minimizing your risk of accidents and preventing anyone from conducting malicious attacks.

Network Management Services

Cirrascale offers all the standards when it comes to network management. Standard network services, such as DNS, are included, as are out of band management and monitoring. Cirrascale handles all of the IPs, routing and connections that are needed including any management of third-party DirectConnect or ExpressRoute connections.



Key Advantages

Flat-Rate Billing Model

Hosting your DGX server with Cirrascale is easy on the pocket book with a flat-rate billing model. You pay one fee each month without having to worry about a fluctuating bill.

No Ingress / Egress Fees on Data

Cirrascale doesn't charge any ingress or egress fees on transferring data in and out of our cloud service. We respect the fact that using your server means using big data.

No Long-Term Commitments

Unlike having to host your server with standard data centers, Cirrascale doesn't require you to sign a three year contract to save money. We work with you to determine the most aggressive pricing for the term you need.

NVIDIA Certified Preferred Partner

As an NVIDIA Certified Preferred Partner, we can handle your support requests with ease. Additionally, we work closely with NVIDIA Solutions Architects to ensure that any issue or problem is resolved quickly and efficiently so that you can get back to work solving today's toughest challenges.

Ready to Get Started?

Visit
<http://www.cirrascale.com>
or call
(888) 942-3800

DGX System Provisioning

Cirrascale ensures the latest NVIDIA DGX operating system software images are installed and can provide assistance in navigating the NVIDIA GPU Cloud (NGC) which empowers AI scientists and researchers with GPU-accelerated containers. NGC features containerized deep learning frameworks such as TensorFlow, PyTorch, MXNet, and more that are tuned, tested, and certified by NVIDIA. NGC also includes third-party managed containers for HPC applications, and NVIDIA containers for HPC visualization.

Customer Service With The Customer In Mind

As part of managed services offering, we provide service and support to our customers Monday through Friday from 8am to 5pm Pacific Time. As a standard practice, we utilize today's latest communications apps such as Slack to stay in contact with our customers to provide speedy service. Customers can also submit support request via email or the company's website.

Additional Service Offerings Available

Lightning Fast Storage Options

Cirrascale has partnered with the industry's top storage vendors to supply our customers with the absolute fastest storage options available. Specialized NVMe hot-tier storage offerings such as WekaIO Matrix, the world's fastest file system¹, removes storage bottlenecks faced by customers. Options to saturate a GPU cluster and deliver more than 10GBytes/second per node across an InfiniBand network are something we specialize in implementing.

Kubernetes and Cluster Management

Cirrascale can help you with your various cluster management needs. We even have experts to help with Kubernetes -- a container scheduling, management, and orchestration platform. If you're running your containerized application in a single cloud or infrastructure, you're good with single Kubernetes pod/cluster. However, what if you want to build a hybrid application which will run in a multi-cloud environment? We can help answer all those questions, and get you on the right track.

¹- <https://www.spec.org/sfs2014/results/res2018q1/sfs2014-20180225-00038.html>

High Speed Clustering

Cirrascale can work with you to provide multiple machine connectivity through 25G/50G/100G Ethernet or 100G EDR InfiniBand so that your DGX machines are connected together in a private, protected network. With InfiniBand, your DGX servers can move data without CPU involvement with Remote Direct Memory Access (RDMA) and Send/Receive offloads that are managed and performed by InfiniBand adapters providing distinct advantages over other network communications protocols, including higher bandwidth, lower latency, and enhanced scalability to perform complex AI and deep learning tasks.

Cross Connections with Third-Party Providers

You're just a cross connect away from a faster connection to cloud providers like Amazon AWS, Microsoft Azure, and Google Cloud through our Megaport connected data centers. It can also help to reduce data egress and port fees that are charged by hyperscale data centers.