

## ClusterHost

**Custom ClusterHost** is a complete solution to the problems of administering an on-site super-computing cluster. While traditional clusters consume numerous company resources, ClusterHost eliminates these factors by providing customizable clusters hosted in our secure state-of-the-art data center.



MANAGED  
CLUSTER  
HOSTING



FOR MORE INFORMATION  
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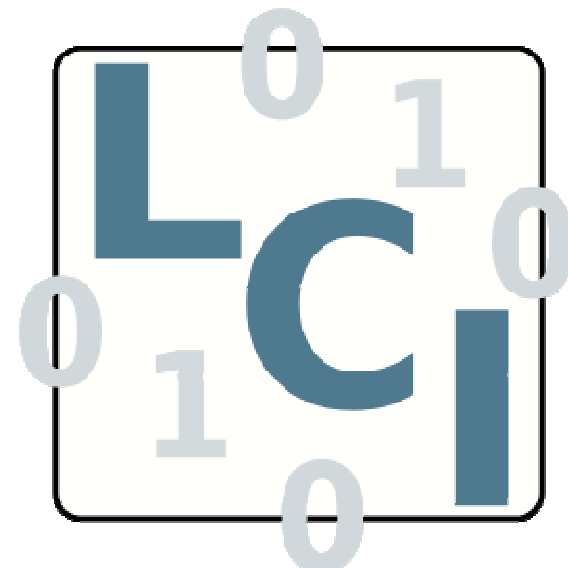
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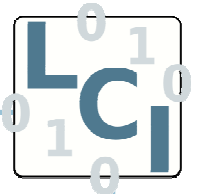
LIMITLESS COMPUTING INC.

*Computing, Unbounded*



**CUSTOM  
HOSTED  
CLUSTERS**

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## CLUSTERHOST: MANAGED CLUSTER HOSTING

### Service Highlights

- **Eliminates burden** of constant managing, monitoring, and hosting
- **Customizable** clusters to customer specifications – no one-size-fits-all solution
- **Larger, faster clusters** are more affordable
- Cluster hosted in **secure** data center
- **Unlimited cluster use**
- **Minimal Hardware Investment**

### Additional Benefits

#### Maintenance Free

No need for real-estate or cooling systems

#### Unlimited cluster use

#### No Vendor Lock-in

Protects against obsolescence

Easily expandable

### ClusterHost: Customized Supercomputers

Limitless Computing's **ClusterHost** service **builds customized clusters** to your specifications and **hosts** the cluster in our secure state-of-the-art data center. Our experts will help you **design** your cluster architecture to satisfy your needs. The custom software and hardware topology is **monitored** by our qualified technicians to ensure **reliability** and **security**. Our **vendor flexibility** avoids being forced to utilize one technology or platform.

### Supercomputing Challenges

Administering a cluster requires numerous resources: ongoing maintenance, specialized facilities, and technical support. Companies are in the difficult position of weighing the benefits of cluster ownership against the resources they consume.

We remove these obstacles and that allows your company to focus on using your cluster to its **optimum potential**.

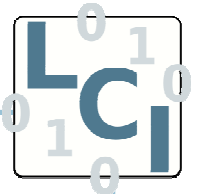
**Managed cluster hosting** solves the common problems associated with clusters while **increasing uptime** so you can focus on using your cluster, not maintaining it.

### Cluster Customization

The **ClusterHost** service is flexible and ideal for a multitude of cluster sizes, small and large. Whether you need rack-mounted or blade servers, Intel® or AMD®, 32- or 64-bit, we can accommodate your needs so you have the best supercomputer for your application.

#### Option Highlights:

Server **nodes** can have any available amount of processors, cores, RAM, or disk space that you require.



## CLUSTERHOST: MANAGED CLUSTER HOSTING

### Customization continued

Each node may have any additional **co-processing** capabilities to meet the needs of your application, including video cards and FPGAs.

Network interconnects can be selected from a wide range — including gigabit Ethernet, InfiniBand®, Myrinet®, and 10 gigabit Ethernet—depending on your latency and bandwidth needs.

**Inter-node communication** and **resource management** programs, such as, MPI, PVM, Scyld™, LSF, Torque, and Mawi are available.

**Vendor choices** are industry standards and include offerings from IBM®, Sun®, and our selected business partners.

### Cluster Hosting Facilities

Our clusters are secured with a combination of the following to ensure your data safety:

- **physical security** with controlled access to the cluster by authorized personnel.
- **network security** with state-of-the-art firewalls and intrusion detection.
- **traffic security** where all access to the cluster is encrypted.
- **data security** where any on-site or off-site backup data is encrypted.

Additional benefits include:

- **Backup power** to ensure your cluster is always operational
- **Security system**
- **Fire suppression system**

### The 4 Step Deployment Process

There are four stages to developing your custom designed and hosted cluster:

#### Planning

- Meet with our experts to design a cluster that identifies and satisfies your computing requirements.

#### Development

- We order, assemble, and test all of your cluster components to ensure they are attaining maximum performance.

### Operation

- Your hosted and managed cluster is now ready for unlimited use.

### Maintenance

- Your cluster is now constantly monitored with rapid response to any problems. Your cluster can be expanded at any time to suit your needs.

## FOR MORE INFORMATION

For more information **call** or **email** our sales representatives for a free consultation or custom quote. Services are conducted on a contractual basis.

#### PHONE:

877.NODE.PWR (663.3797)

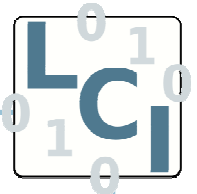
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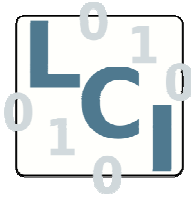
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