

## TurboMass Storage Servers

*The high performance solution for hosted local mass storage.*

Fast Scalable Storage – Rapid Application Response – Broad Range of Performance Options

Many solutions perform better with data stored locally. The need to store huge amounts of data with uninterrupted availability and reliability calls for flexible, scalable, high-performance storage. PEER 1 Hosting responds with powerful TurboMass Storage Servers driven by high-performance Intel® processors at very affordable price points.

### BENEFITS

**Peak Performance Power.** Deliver the immediate response your customers and users demand from database applications, web servers and more.

**Easily Expandable.** Implement a highly scalable solution, able to support a total of 16 hard disks—up to 32 terabytes of storage.

**Turbo Charge Performance.** An array of high-performance storage options further optimize and simplify your storage solution.

**Mixed Architecture Solutions.** Create hybrid storage solutions customized to fit your exact requirements. Create RAID sets of SSD drives, SAS drives, or SATA drives.



Peak Performance Power



Easily Expandable



Turbo Charge Performance



Mixed Architecture Solutions

### SERVERS

Choose from any of the following PEER 1 Hosting TurboMass Storage Servers:

**Advanced Servers.** Advanced Servers offer outstanding performance for multithreaded applications in a multitasking environment. They provide up to four cores with eight threads of processing capabilities, and can support up to 32GB of RAM. They're ideal for use in medium traffic applications, or where the TurboMass unit will perform dedicated tasks, such as serving files and photos.

## **SERVERS** *continued from previous page*

**Pro Servers.** Pro Servers are ideal for use in database or application server configurations, supporting heavy loads for data processing or website visitors. Providing four cores and eight threads per processor, and capable of running in dual processor configurations, they're great economical choices for those requiring more power than the Advanced Server. In a Dual Processor configuration, this solution can support up to 96GB of RAM. Select the Pro Server for applications that require large amounts of computation resources to process your data.

**SAS or SATA Disks.** Configure up to 16 SATA or SAS disk drives, depending on your specific capacity vs. performance requirements.

- High-capacity SATA drives are perfect for scalable, cost efficient mass storage. SATA disks deliver efficient and low cost data transfer, and strong reliability checks and validation. Mix up to 16 of any disks per server.
- SAS drives are the ideal solution for transaction-intensive, always-available storage. Mix up to 16 of any SAS drives for a combined maximum of 32 terabytes of storage.
- SSD drives are also available to create incredibly fast arrays, suitable for very high performance databases, very low latency data access, and blazingly fast throughput.

## **OPTIONS**

PEER 1 Hosting expands your storage performance even further with these options.

### **Available Operating Systems**

- Windows 2003 R2 32Bit or 64Bit – Standard, or Enterprise
- Windows 2008 32Bit – Web, Standard, or Data Center
- Windows 2008 R2 64Bit – Web, Standard, Enterprise, or Data Center
- RedHat Enterprise Linux 5 – 32Bit or 64Bit
- RedHat Enterprise Linux 6 – 32Bit or 64Bit

### **Supported Control Panels**

- Parallels® Plesk Panel

### **Supported Databases**

- Microsoft SQL Server 2005
- Microsoft SQL Server 2008
- MySQL
- Postgres

### **Storage and Backups**

- SAN Managed Backups
- Cristie Tivoli Bare-Metal Recovery
- Storage Area Network
- TSM for Databases
- Offsite Backups

## OPTIONS *continued from previous page*

**RAID Options.** RAID allows you to create an interdependent array of individual disk drives, so that they appear to be a single drive. It uses data replication methods and data striping to enhance reliability and performance. Various levels of RAID implementation are available. Which one you choose depends on your storage server configuration, and your storage and retrieval requirements. Available options for RAID include RAID 1, 5, 6, 10, 50, and 60 configurations.

## CONTACT US TODAY

Adding high performance, high-capacity TurboMass Storage Servers to your hosted infrastructure is easy:

- Call us at **1.866.579.9690**
- Go to **[www.peer1.com](http://www.peer1.com)** and chat with an online sales assistant.