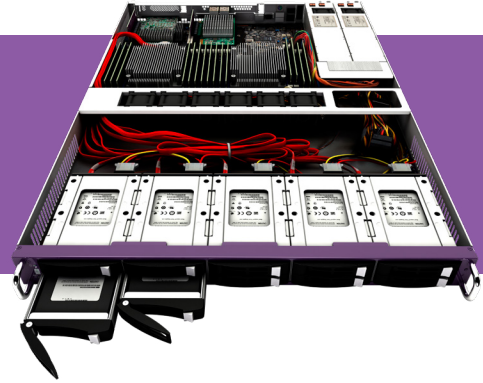


Cloudseek Database Servers



CloudSeek1000xR

Squeeze every IOP out of your database server platform.

CloudSeek Servers are engineered to handle the stringent demands of any database environment.

Today's databases are capable of achieving performance levels unheard of just a few years ago. SQL and NoSQL databases cannot be hindered by inferior hardware performance. Combine this with the fact that organizations expect near 100% uptime and it is easy to see how database servers can break the bank. PSSC Labs CloudSeek Database Servers are engineered to offer maximum performance and uncompromising reliability at a price that will satisfy the tightest of budgets.

Key Features & Benefits.

The right choice for any real-time SQL/noSQL database applications:

- All Flash array without the hefty price tag of traditional platforms.
- Proven compatible with leading databases including Aerospike, Cassandra, Hbase, MongoDB, Microsoft SQL and many more.
- 2+ GB/sec sustained read / write IO performance

Watch

See PSSC Labs Servers and Solutions in action:
youtube.com/user/pssclabs

Learn

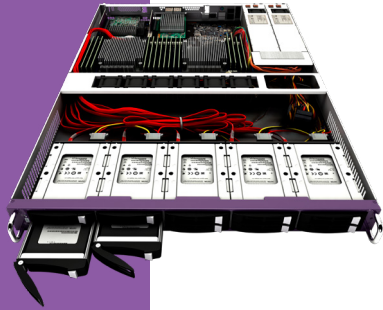
Visit our Case Studies page to learn how PSSC Labs is helping organizations achieve their technology goals:
pssclabs.com/company/case-studies

Socialize

We enjoy hearing from you. Engage with us on:



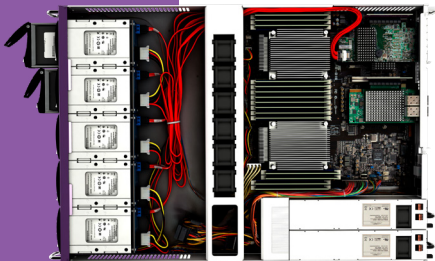
Proven features offer unmatched performance with the lowest total cost of ownership.



01.

Enterprise Features Include Redundant Operating System Hard Drives and Redundant Power Supply.

CloudSeek 1000xR shown



02.

High Performance RAID Controller Supports RAID Level 0,1,5,6,10,50,60.

CloudSeek 1000xR shown



03.

Support for Flash SSD Hard Drives from Intel®, Micron®, Samsung® and others.

CloudSeek 2000xR shown



04.

Support for 10GigE, 100GigE, or 200GigE Networking Available with Channel Bonding Support.

CloudSeek 2000xR shown

Tech Specs.

Processor Support:

- 2 x Intel® Xeon® or AMD EPYC™ Processors
- Maximum 128 Total Cores/256 Cores with Hyperthreading

Memory Support:

- 16 x DDR4 ECC Memory Dimm Slots
- Up to 2 TB Memory Capacity
- 3200 MHz Support

GPU Support:

- Optional NVIDIA® A100 Tensor Core GPU or NVIDIA® Quadro GPU series

Disk Storage Controller:

- LSI MegaRaid 12 Gb/sec SATA / SAS
- Expander Backplane
- Supports JBOD, RAID 0,1,5,6,10,50,60

Network Support:

- 2 x 10 Gb/s AN Ports
- 1 Dedicated Management LAN Port
- Optional 100 GigE, 200 GigE Ports
- Optional Mellanox® Infiniband® and Intel® Omnipath®

Power Supply:

- Maximum 800 Watt 1+1 Redundant Power
- 80%+ Platinum Level

Operating System:

- Microsoft Windows Server
- Red Hat Enterprise Linux
- CentOS Linux 7
- SUSE Linux
- Ubuntu Linux
- VMware Linux

CloudSeek 1000xR

Disk Storage Capacity:

- Maximum 10 x SSD, SATAIII, SAS, NVMe Storage Devices

Dimensions & Weight:

- 1U Rackmount
- 19" W x 23.5" D x 1.75" H
- Average 33 lbs

CloudSeek 2000xR

Disk Storage Capacity:

- Maximum 16 x SSD, SATAIII, SAS, NVMe Storage Devices

Dimensions & Weight:

- 2U Rackmount
- 19" W x 25" D x 3.5" H
- Average 45 lbs

Tech Specs.

Service Level Agreement:

- Three Year Silver Level SLA Included
- Gold and Platinum SLA Optional
- Years Four and Five Year SLA Optional

Management & Monitoring:

- IPMI 2.0 Web Interface
- Network settings
- Network security settings
- Hardware information
- Users control
- Services settings
- IPMI settings
- Sessions control
- LDAP settings
- Power control
- Fan profiles
- Voltages, fans and temperatures monitoring
- System event log
- Events management
(Platform events, trap settings, email settings)
- Serial Over LAN
- vKVM & vMedia (HTML5)

Included Services

- Operating system installation
- Storage partitioning and configuration (JBOD or RAID)
- Net Connect integration service for easy network boot
- BIOS customization
- Power and cooling consultation prior to delivery
- Mac address recording and reporting
- Node name labeling
- Rack 'n Roll Services Available for Turn-Key Installation

Contact Us

Our Experts in HPC, Big Data and Data Centers are here to help.

Telephone: 949-380-7288

Fax: 949-380-9788

Sales: 4sales@psscclabs.com

Email Support: helpdesk@psscclabs.com

PSSC Labs
20432 North Sea Circle
Lake Forest, CA 92630

**DESIGNED AND BUILT IN LAKE FOREST,
CALIFORNIA**

