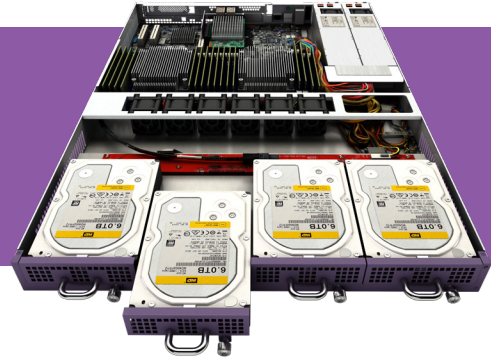


# SureStore Storage Servers



SureStore U1000

Scalable block and object storage platforms offering performance, reliability & flexibility.

**Surestore Storage servers are the perfect NAS and SAN building blocks for organizations large and small.**

Enterprise organizations need highly reliable, simple to deploy and cost effective storage solutions. Surestore Storage Servers are designed to meet all of these criteria. Utilizing only Enterprise grade components, each SureStore Storage Server is designed for maximum performance and reliability at a significant cost savings. PSSC Labs engineers will preconfigure the system including network settings, raid configuration (0,1,10,5,6,50.60), hard drive partitioning in order to make the system as plug and play as possible.

## Key Features & Benefits.

**Compact, high capacity storage for NAS, iSCSI & ZFS.**

- Enterprise components packaged into a fully redundant enterprise platform
- Network protocols: CIFS/SMB, iSCSI targets, Rsync, CIFS/SMB
- Preconfigured for the most production ready deployment including installation of operating system, network configuration, Raid configuration, etc

## Watch

**See PSSC Labs Servers and Solutions in action:**

[youtube.com/user/pssclabs](https://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](https://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.

**Flexible Architecture Offers Support for SATA, SAS SSD, NVMe Storage Devices.**

SureStore U1000 shown



02.

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

SureStore U2000 shown



03.

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

SureStore U4000HD 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 Support 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 LAN Ports
- 1 Dedicated Management LAN Port
- Optional 100 GigE, 200 GigE Ports
- Optional Mellanox® Infiniband® and Intel® Omnipath®

### Power Supply:

- Maximum 2200 Watt 1+1 Redundant Power
- 80%+ Platinum Level

### Operating System:

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

## SureStore U1000

### Disk Storage Capacity:

- Maximum 4 x SSD, SATAIII, SAS, NVMe Storage Devices

### Dimensions & Weight:

- 1U Rackmount
- 19" W x 23.5" D x 1.75" H
- Average 30 lbs

## SureStore U2000

### Disk Storage Capacity:

- Maximum 12 x SSD, SATAIII, SAS, NVMe Storage Devices
- 2 x 2.5" SSD Hot Swap Hard Drives for OS (Raid 1)

### Dimensions & Weight:

- 2U Rackmount
- 19" W x 24" D x 3.5" H
- Average 45 lbs

## SureStore U4000HD

### Disk Storage Capacity:

- Maximum 36 x SSD, SATAIII, SAS, NVMe Storage Devices
- 2 x 2.5" SSD Hot Swap Hard Drives for OS (Raid 1)

### Dimensions & Weight:

- 4U Rackmount
- 19" W x 28" D x 7" H
- Average 90 lbs

## Tech Specs.

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### Service Level Agreement:

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

### Management & Monitoring:

- I
- PMI 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

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- 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

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

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**Fax:** 949-380-9788

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CALIFORNIA**

