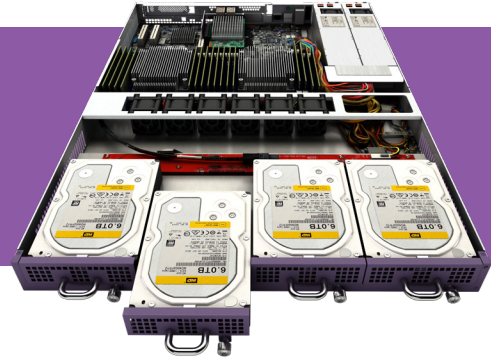


SureStore Storage Servers



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

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.

Flexible Architecture Offers Support for SATA, SAS and SSD Flash Hard Drives.

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, 40GigE, 100GigE Network Connectivity.

SureStore U4000HD shown

Tech Specs.

Processor Support:

- 2 x Intel Xeon Scalable Processors
- Support for Bronze, Gold, Platinum CPUs
- Maximum 52 Total Cores/104 Cores with Hyperthreading

Memory Support:

- 16 x DDR4 Memory Dimm Slots
- Up to 1 TB Memory Capacity
- 2666 / 2400 MHz Support
- 6 Channel Memory Architecture

GPU Support:

- Integrated in Aspeed® AST2500

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 SFP+ LAN Ports (QLogic® QL41102) or RJ45 Ports
- 2 x 1 Gb/s LAN Port
- 1 x 10/100/1000 Management LAN
- Optional 40 GigE, 100 GigE Ports
- Optional Mellanox® Infiniband® and Intel® Omnipath®

Power Supply:

- Maximum 1200 Watt 1+1 Redundant Power
- 80%+ Platinum Level

Operating System:

- Windows Server 2012 R2 (x64) Update1
- Windows Server 2016
- Red Hat Enterprise Linux 7.x (x64)
- CentOS Linux 7.x (x64)
- SUSE Linux Enterprise Server 12.2 (x64)
- Ubuntu 16.04.2 LTS (x64)
- VMware ESXi 6.5

SureStore U1000

Disk Storage Capacity:

- Maximum 4 x SSD, SATAIII, SAS Hot Swap Hard Drives

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 Hot Swap Hard Drives
- 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 Hot Swap Hard Drives
- 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.

Service Level Agreement:

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

Management & Monitoring:

- Aspeed® AST2500 management controller
- Avocent® MergePoint 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**

