

# Nfina 1404R-SAN-S



## FEATURES:

- Shared Storage High-Availability Clusters
- No single point of failure
- Immutable snapshots with disaster recovery rollback

### SAN

- 2 x 1U 1404R rack-mount enclosures
- 1 x 5th Generation Intel® Xeon® Scalable Processor per chassis
- 2 x 2.5" SSD boot drives per chassis
- 1 x 12Gb/s Storage Controller per chassis
- Nfina-Store Operating System

### JBOD Storage

- 1 x 2U or 4U JBOD rack-mount enclosure
  - Up to 8 JBODs supported
- 12 x or 24 x drive bay models
  - SAS SSDs or HDDs
- Built-in redundancy options
  - Z1, Z2, Z3 or N-way mirrors

Nfina's 1404R-SAN-S Shared Storage HA Cluster is engineered for business continuity and easy expandability.

Nfina's 1404R-SAN-S is a High-Availability Shared Storage Cluster that combines high-performance computing with redundant backup, dependable disaster recovery, and effortless storage expansion.

Nfina's shared storage solutions utilize a dual controller architecture combined with one or more JBODs to create a centralized storage pool for accessing, protecting, and storing data. The 1404R-SAN-S is a resilient and highly available solution designed to remove single points of failure. The Nfina-Store platform allows users to centrally manage storage arrays and clusters and create unlimited immutable snapshots of the storage system. If a failure or ransomware attack occurs, the backup protection provides a rollback function that restores data to a safe state within minutes. A lengthy reconstruction of the data is not required.

Z1, Z2, Z3, and N-way mirror redundancy options provide data security and flexibility for the data stored within the array. The chosen redundancy ensures the continued operation of your system with no data loss, even if a JBOD(s) or hard disk(s) is damaged or fails. 1404R-SAN-S can provide no single point of failure for large amounts of data and is an economical way of adding incremental storage. Up to eight 12 or 24-bay Nfina JBODs can be added to a SAN Shared Storage solution.

**HYPERCONVERGED  
SAN STORAGE  
HYBRID CLOUD  
CLOUD HOSTING  
BACKUP & RAPID DR**

***n*fina**

# NFINA 1404R-SAN-S

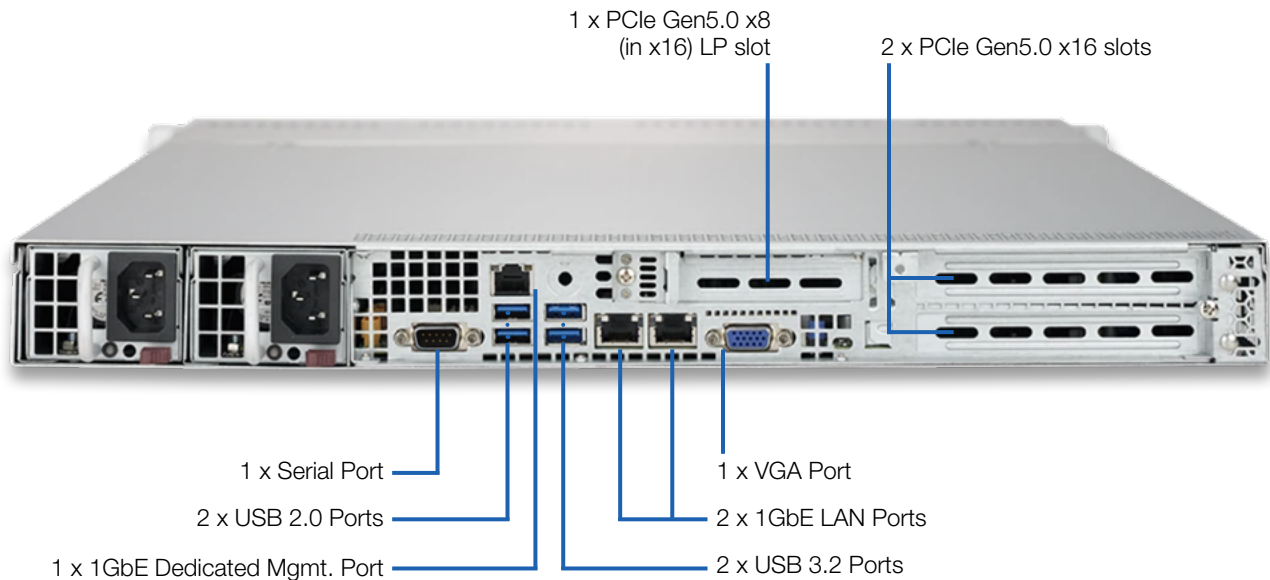
## SAN SPECIFICATIONS

Form Factor	2 x 1U rack-mount enclosures, 1.7" x 17.2" x 25.6", per chassis
Operating Temperature	10°C to 35°C (50°F to 95°F)
Processors	1 x 5th Generation Intel® Xeon® Scalable Processor, per chassis
Processor Speed	Up to 2.1GHz to 4.2GHz, per processor
CPU Cache	Up to 52.5MB, per processor
Socket	Single Socket E (LGA-4677)
Memory	8 x DIMM slots, ECC DDR5 5600MHz, per chassis 768GB Max memory capacity, per chassis
Drives	2 x 2.5" SSD boot drives, per chassis (RAID 1) 1 x M.2 NVMe (2280/22110), PCIe 3.0 x 2, per chassis
Redundancy Levels	Z1, Z2, Z3, or N-way mirrors
Input Voltage	100-127V AC 50-60 Hz 200-240V AC 50-60 Hz
Power Supplies	Redundant hot-swap 860W power supplies, per chassis
Remote Management	IPMI 2.0, KVM over LAN
TPM	Version 2.0, optional, per chassis
OS Supported	Nfina-Store Data Storage, Backup, and Recovery Management
Optional Software	Nfina-View Management and Monitoring Software
Certifications	UL/CSA Listed (USA and Canada), FCC Class A/B (US), CE (Europe), RoHS (Europe), WEEE (Europe), REACH (Europe), VCCI (Japan), RCM (Australia), UKCA (UK), NRLT (USA), ICES (Canada), CB (USA)
Warranty	5 years

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## SAN SPECIFICATIONS

I/O	2 x USB 3.2 ports (rear), per chassis 2 x USB 2.0 ports (rear), per chassis 1 x Serial port (rear), per chassis
Display	1 x VGA port (rear), per chassis
Ethernet	2 x 1GbE (10/100/1000) LAN ports, standard, per chassis 1 x 1GbE (management port), per chassis
Network Adapter	1 x Single, Dual, or Quad Port Network Adapter, per chassis (optional) 10GbE, 25GbE, 40GbE, 100GbE, or Fibre Channel (port quantity dependent)
Storage Controller	1 x 9500-16e 12Gb/s SAS Host Bus Adapter, per chassis - included
PCIe® Slots	2 x PCIe Gen5.0 x16, per chassis 1 x PCIe Gen5.0 x8 (in x16), per chassis



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## JBOD SPECIFICATIONS

JBOD Storage Options	<b>602JBOD-B</b> 12 x 3.5" or 2.5" hot-swap SAS drive bays <b>6224JBOD-B</b> 24 x 2.5" hot-swap SAS drive bays <b>604JBOD-A</b> 24 x 3.5" or 2.5" hot-swap SAS drive bays
Form Factor	<b>602JBOD-B</b> 2U rack-mount enclosure, 3.5" x 17.2" x 25.5" <b>6224JBOD-B</b> 2U rack-mount enclosure, 3.5" x 17.2" x 24.8" <b>604JBOD-A</b> 4U rack-mount enclosure, 7" x 17.2" x 26"
Operating Temperature	<b>All JBOD Models</b> 5°C to 35°C (41°F to 95°F)
Connectivity	12Gb/s SAS connectivity
SAN System Storage	Up to 8 JBODs supported
Redundancy Levels	Z1, Z2, Z3, or N-way mirrors
Remote Monitoring	<b>All Models</b> 1 x IPMI port (Monitors temp readings, power and fan management)
Power Supplies	<b>602JBOD-B</b> Redundant hot-swap, 650W <b>6224JBOD-B</b> Redundant hot-swap, 650W <b>604JBOD-A</b> Redundant hot-swap, 1100W
Input Voltage	<b>602JBOD-B</b> 100-240V @ 4.5-11A 50/60Hz x 2 <b>6224JBOD-B</b> 100-240V @ 4.5-11A 50/60Hz x 2 <b>604JBOD-A</b> 100-240V @ 4.5-11A 50/60Hz x 2
Certifications	UL/CSA Certified (USA and Canada), CE (Europe), FCC Part 15 Subpart B (US), ICES (Canada), UKCA (UK), VCCI (Japan), RCM (Australia), NRTL (USA), CB (USA), RoHS (Europe), REACH (Europe), WEEE (Europe)
Warranty	5 years

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