

Nfina 9524R-SAN-S



FEATURES:

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

SAN

- 2 x 2U 9524R rack-mount enclosures
- Up to 2 x 5th Gen Intel® Xeon® Scalable Processor per chassis
- 2 x M.2 SSD NVMe or 2.5" SSD boot drives per chassis
- Up to 2 x 12Gb/s Storage Controllers 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
 - 2-way, 3-way, Z1, Z2, Z3 or N-way mirror

Nfina's 9524R-SAN-S Shared Storage HA Cluster is engineered for business continuity and easy expandability.

Nfina's 9524R-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 9524R-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.

2-way, 3-way, 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. 9524R-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.

SAN STORAGE
HYBRID CLOUD
CLOUD HOSTING
HYPERCONVERGED
BACKUP & RAPID DR

nfina

NFINA 9524R-SAN-S

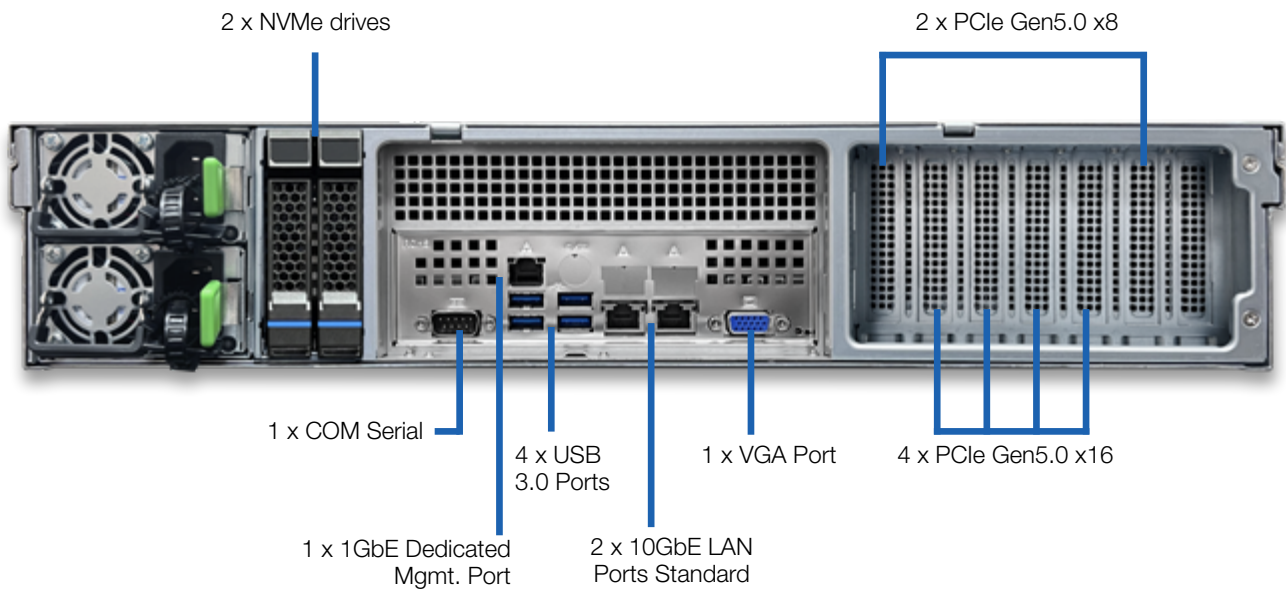
SAN SPECIFICATIONS

Form Factor	2 x 2U rack-mount, 3.43" x 17.24" x 25.93"
Operating Temperature	10°C to 35°C (50°F to 95°F)
Processors	Up to 2 x 5th Generation Intel® Xeon® Scalable Processor, per chassis
Cores/Threads	Up to 32 Cores and 64 Threads, per processor
Processor Speed	Up to 2.1GHz to 4.1GHz, per processor
CPU Cache	Up to 60MB, per processor
Socket	Dual Socket E (LGA-4677)
Memory	Up to 16 x DIMM ECC RDIMM, DDR5 5600MHz per chassis 1.5TB Max memory capacity, per chassis
Boot Drives	2 x M.2 NVMe SSD or 2.5" SSD boot drives, per chassis (RAID 1)
Redundancy Levels	2-way, 3-way, Z1, Z2, Z3, or N-way mirror
Input Voltage	100-240V AC
Power Supplies	Redundant hot-swap 800W power supplies, per chassis
Remote Management	BMC, IPMI 2.0, KVM over HTML5, and Redfish API
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	CE, UL 62328, FCC part 15 (US)
Warranty	5 years

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SAN SPECIFICATIONS

I/O	6 x USB 3.0 ports (2 front, 4 rear), per chassis 1 x COM Serial port (rear), per chassis
Display	1 x VGA port (rear), per chassis
Ethernet	2 x 10GbE (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 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	602JBOD-B 12 x 3.5" or 2.5" hot-swap SAS drive bays 6224JBOD-B 24 x 2.5" hot-swap SAS drive bays 604JBOD-A 24 x 3.5" or 2.5" hot-swap SAS drive bays
Form Factor	602JBOD-B 2U rack-mount enclosure, 3.5" x 17.2" x 25.5" 6224JBOD-B 2U rack-mount enclosure, 3.5" x 17.2" x 24.8" 604JBOD-A 4U rack-mount enclosure, 7" x 17.2" x 26"
Operating Temperature	All JBOD Models 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	2-way, 3-way, Z1, Z2, Z3, or N-way mirror
Remote Monitoring	All Models 1 x IPMI port (Monitors temp readings, power and fan management)
Power Supplies	602JBOD-B Redundant hot-swap, 650W 6224JBOD-B Redundant hot-swap, 650W 604JBOD-A Redundant hot-swap, 1100W
Input Voltage	602JBOD-B 100-240V @ 4.5-11A 50/60Hz x 2 6224JBOD-B 100-240V @ 4.5-11A 50/60Hz x 2 604JBOD-A 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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