

# Nfina 2108R NAS



## FEATURES:

- 2U rack-mount server
- Choice of 2nd Generation Intel® Xeon® Scalable Processors
  - Platinum, Gold, Silver and Bronze available
  - 2.7GHz to 4.0GHz processor speeds available
  - Up to 28 cores
- Intel® Advanced Vector Extensions (AVX-512)
  - Accelerates deduplication, encryption, compression, & decompression
  - Double the flops per clock cycle of AVX2
- Up to 384GB total memory
- Supports Intel® Optane™ DCPMM Memory
- 8 x 3.5" Hot-swap drive bays
- Up to 128TB storage
- Redundant hot-swap 500W Platinum Level power supplies
- 2 x 10GbE LAN ports

The Nfina 2108R NAS, a scalable, hybrid storage solution for backup, disaster recovery, or High-Availability clusters applications where budget is an essential consideration.

The Nfina 2108R NAS is perfect for budget applications that require the power of the 2nd Generation Intel® Xeon® Scalable processors. This advanced storage and compute platform is ideal for backup, disaster recovery or creating/adding storage pools in a HA cluster. This NAS can be configured with SATA3, SSD, NVMe, and a M.2 drive for a high-performance, scalable hybrid storage solution.

The 2108R NAS delivers on performance and efficiency, greatly reducing strain on both your users and your budget. If even greater performance is required, Intel Optane Technology can be installed providing lower latency, higher throughput, and endurance.

Nfina products deliver exceptional functionality by creating products that are easily customized to fit specific applications. Designed and built for virtualized computing environments, our products provide high-density, maximum yield solutions for our customers. Multiple options for high performance computing, including I/O, RAID, storage, and memory options make our products a custom fit for many applications.

All Nfina Technologies' servers include 24x7 tech support with remote diagnostics. Next day and four hour onsite response options are available.

**SERVERS**

**DATA STORAGE**

**PCs & WORKSTATIONS**

**n-fina**  
EDGE SOLUTIONS

# NFINA 2108R NAS

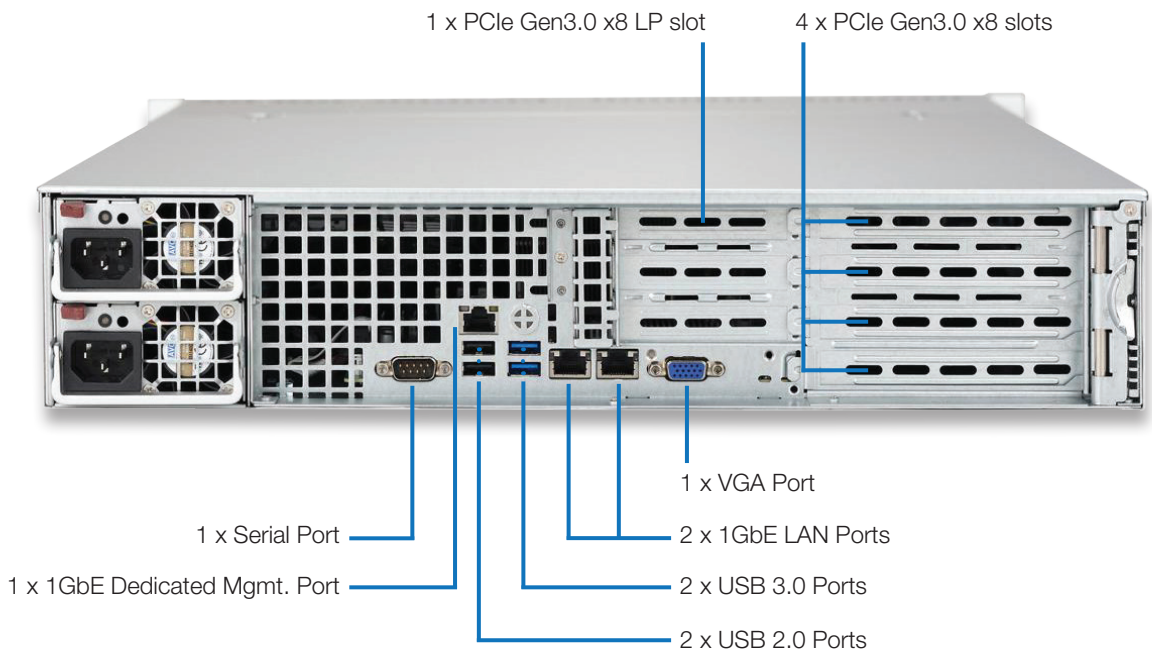
## SPECIFICATIONS

Form Factor	2U rack-mount, 3.5" x 17.2" x 25.5"
Operating Temperature	10°C to 35°C (50°F to 95°F)
Processor	2nd Generation Intel® Xeon® Scalable Processor, up to 28 cores
Processor Speed	Up to 2.7GHz to 4.0GHz
CPU Cache	Up to 39MB
Socket	Single Socket P (LGA 3647)
Memory	6 DIMM slots, DDR4 ECC RDIMM/LRDIMM 2666/2933 MHz 384GB Max memory capacity Intel® Optane™ DC Persistent Memory supported
Storage	8 x 3.5" or 2.5" hot-swap drive bays (2.5" requires adapter) Supports: 8 x HDDs and SSDs drives 1 x internal M.2 NVMe/SSD (2280, 22110), PCIe and SATA (optional)
Optical Drive	1 x 5.25" Slim DVD, SATA drive (optional)
Maximum Storage	Up to 128TB, depending on drive type
Software RAID	0, 1, 5, 10 support
Hardware RAID	Hardware RAID optional
Caching	Caching options available
Input Voltage	100-240V @ 2.6-6.1A, 50/60 Hz
Power Supply	Redundant hot-swap 500W AC Platinum Level power supplies with PMBus
Remote Management	IPMI 2.0, KVM over HTML5
TPM	Version 2.0, optional
OS Supported	Microsoft® Windows Server® 2016, 2019, Windows® 10, VMware® ESXi™ 6.5-6.7,7.0, Open-E® JovianDSS™ & DSS7, Red Hat® RHEL 7.3-7.x, SUSE® SLES 11, 12, Ubuntu 16, 17, CentoOS™ 7, XenServer® 7.1-7.6, more options available
Certifications	UL or CSA Listed (USA and Canada), FCC Class A (US), CE (Europe), RoHS (Europe)
Warranty	5 years

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I/O	4 x USB 3.0 ports (2 front, 2 rear) 2 x USB 2.0 ports (rear) 2 x serial port (1 front, 1 rear)
Display	1 x VGA port (rear)
Ethernet	2 x 10GbE LAN ports (10/1000/10000) standard, other options available 1 x 1GbE (Dedicated management port)
PCIe® Slots	4 x PCIe Gen3 x8 slots (FHFL) 1 x PCIe Gen3 x8 slot (Low-profile)



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