

Nfina 1208RN



FEATURES:

- 1U rack-mount dual-socket 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 per processor
- Intel® Advanced Vector Extensions (AVX-512)
 - Accelerates deduplication, encryption, compression, & decompression
 - Double the flops per clock cycle of AVX2
- Intel® Ultra Path Interconnect
- Up to 768GB total memory
- 8 x 2.5" hot-swap drive bays
- Up to 122.88TB storage
- 12Gb/s SAS capable
- Redundant hot-swap power supplies
- 2 x 1GbE (10/100/1000) LAN ports, 1 x 1GbE (mgmt port)

The Nfina 1208RN with 2nd Generation Intel® Xeon® Scalable Processors is a high-value server for businesses on a tight budget.

The Nfina 1208RN is the ideal choice for budget applications that require the power of the 2nd Generation Intel® Xeon® Scalable processors. This advanced storage and compute platform delivers high level performance and lower cost of ownership, greatly reducing the strain on your users and your budget.

Engineered for use as an enterprise server in optimized data centers or managed hosting applications, this device delivers on speed, efficiency, and design.

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 are backed by a five-year limited warranty and 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 1208RN

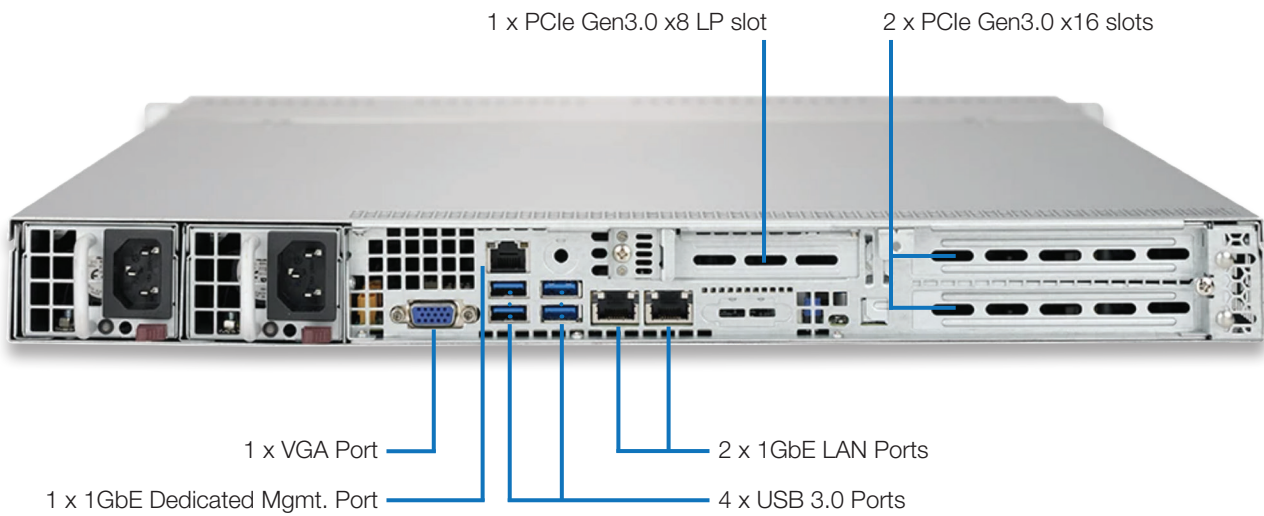
SPECIFICATIONS

Form Factor	1U rack-mount, 1.7" x 17.2" x 23.6"
Operating Temperature	10°C to 35°C (50°F to 95°F)
Processor	2nd Generation Intel® Xeon® Scalable Processors, up to 28 cores each, 70-165W TDP
Processor Speed / Cache	Up to 2.2GHz to 4.0GHz and 38.5MB Cache
Socket	Dual Socket P (LGA 3647)
Memory	12 RDIMM/LRDIMM sockets, DDR4 ECC 2933 MHz 768GB Max memory capacity Intel® Optane™ DCPMM supported
Storage	8 x 2.5" hot-swap drive bays Supports: SSD and HDD 1 x internal M.2 NVMe/SSD (2280, 22110), PCIe® (optional)
Optical Drive	1 x 5.25" Slim DVD, SATA drive (optional)
Maximum Storage	Up to 122.88TB, depending on drive type
Software RAID	0, 1, 10, optional 5
Hardware RAID	Hardware RAID (optional), Caching available
Input Voltage	100-140V @ 6A-8A, 50/60 Hz 200-240V @ 3.8-4.5A, 50/60 Hz
Power Supply	Redundant hot-swap 750W AC power supplies
Remote Management	IPMI 2.0, KVM over HTML5
TPM	Version 2.0, optional
OS Supported	Microsoft® Windows Server® 2016, Hyper-V Server 2016, Windows® 10, VMware® ESXi™ 6.5-7.0, Open-E® JovianDSS™ & DSS7, Red Hat® RHEL 7.3-8x, SUSE® SLES 11-15 SP1, Ubuntu 18.04, Free BSD 10.3-11, CentOS™ 7.3-7.6, XenServer® 7.1, Citrix XS7.1 CU2-7.x, more options available
Certifications	UL or CSA listed, UL 60950-1 (USA and Canada), FCC Class CFR Part 15, Subpart B (US), IEC 60950-1:2005, AS/NZS CISPR 32:2013 (Class A) (Australia), VCC 32-1/2016.11(Class A) (Japan), RoHS
Warranty	5 years

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SPECIFICATIONS

I/O	4 x USB 3.0 ports (rear)
Display	1 x VGA port (rear)
Ethernet	2 x 1GbE LAN (10/100/1000) standard 1 x 1GbE (Dedicated management port)
PCIe® Slots	2 x PCIe® Gen3 x16 (FHHL) 1 x PCIe® Gen3 x8 (LP)



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Address: 820 S. University Blvd. Suite 4E, Mobile, AL 36609

Email: nfina_sales@n-fina.com

Telephone: 251.243.0043

Website: www.n-fina.com