

# Nfina 1204RN



## FEATURES:

- 1U rack-mount dual-socket server
- Choice of 2nd Generation Intel® Xeon® Scalable Processors
  - Platinum, Gold, Silver and Bronze available
  - 2.2GHz 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
- 4 x 3.5" hot-swap drive bays
- Up to 64TB 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 1204RN equipped with 2nd Gen. Intel® Xeon® Scalable Processors is 1U rack-mount dual-socket server, optimized for density and performance.

The 1204RN offers exceptional performance and extraordinary value in a 1U server platform. Dual Sockets accommodate up to two 2nd Generation Intel® Xeon® Scalable processors, and 2933MHz memory make this server an extremely efficient and economical server.

The 1204RN is recommended for use as an entry-level server, provisioning server, or for use in virtualized computing environments.

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

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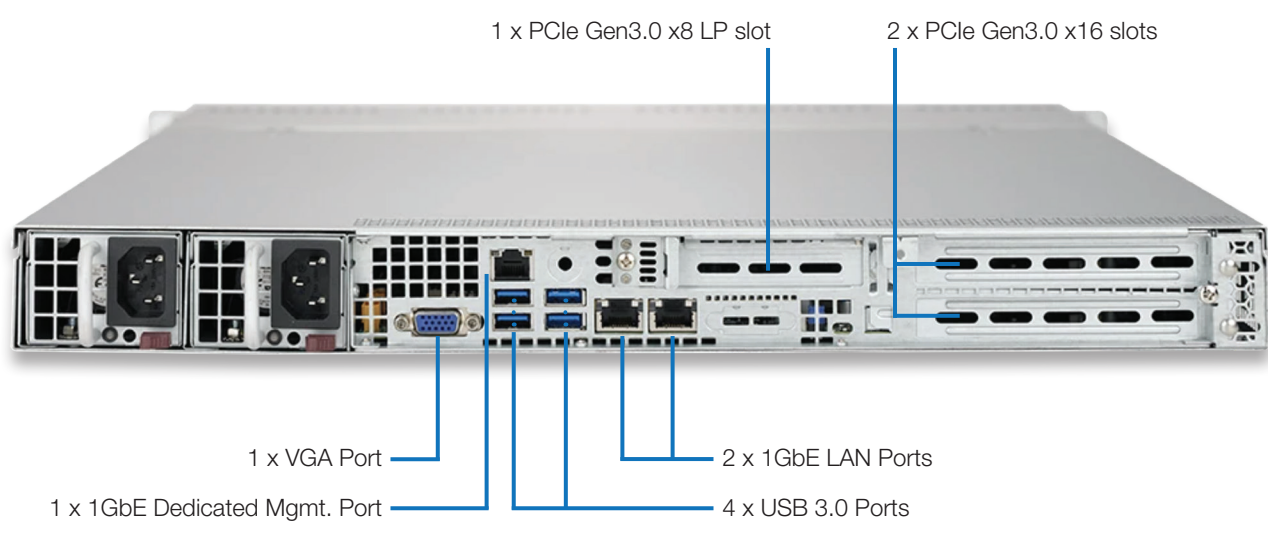
## SPECIFICATIONS

Form Factor	1U rack-mount, 1.7" x 17.2" x 25.6"
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	4 x 3.5" or 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 64TB, 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	2 x 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, RedHat Linux EL 7.3-8.1x, SuSE SLES 11-15 SP1, Ubuntu 18.04, Free BSD 10.3-11, Fedora 26, CentOS 7.3-7.6, XenServer 7.1, more options available
Certifications	UL or CSA listed (USA and Canada), UL 60950-1, FCC Part 15 Subpart B (US), FCC Part 15 Subpart B (US), IEC 60950-1:2005, EN 55032:2012, AS/NZS CISPR 32:2013(Class A) (Australia), VCCI 32-1/2016.11 (Class A) (Japan), RoHS compliant
Warranty	5 years

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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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