

# Nfina 5304R Server



## FEATURES:

- 1U rack-mount dual-socket server
- Choice of 3rd Generation Intel® Xeon® Scalable Processors
  - Platinum, Gold, and Silver available
  - 2.3GHz to 3.4Ghz processor speeds available
  - Up to 40 cores per processor
- 32 DIMM slots
  - Up to 12TB total memory
- 4x 2.5" hot-swap drive bays
  - Supports SSD & NVMe
- 2x M.2 NVMe connectors
- Redundant hot-swap power supplies
- 1x 1GbE dedicated management port
- 2x 10GbE LAN ports

The Nfina 5304R outfitted with 3rd Generation Intel® Xeon® Scalable Processors offers extraordinary performance and value in a 1U server.

With a choice of 3rd Generation Intel® Xeon® Scalable processors, drives, and memory options, the 5304R can be configured from an entry level server suitable for a small office, to a full featured server. The 3rd Generation Intel® Xeon® Scalable Processors deliver superior performance per-core, and enhanced memory capability makes it a remarkably fast server. Configured with four SSD or NVMe drives the 5304R is an ideal high performance all-flash array for robust virtualized environments with demanding applications.

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.

Nfina Hybrid Cloud solutions come with no adware, spyware, bloatware, or trackware.



**HYBRID CLOUD SOLUTIONS**  
**CYBER SECURE SERVERS**  
**BACKUP & RAPID DR**  
**DATA STORAGE**

**nfina**  
HYBRID ■ CLOUD SOLUTIONS

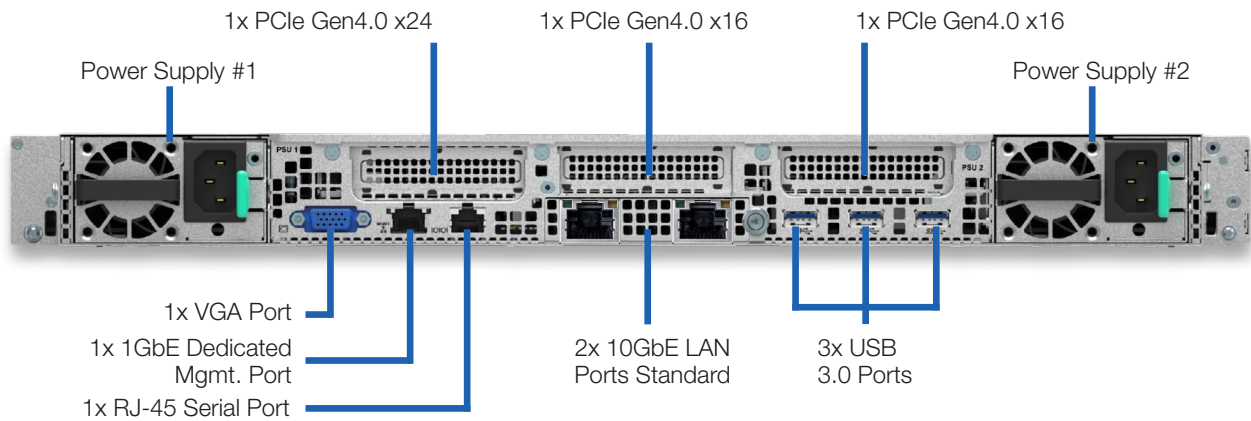
# NFINA 5304R

SPECIFICATIONS	
Form Factor	1U rack-mount, 1.69" x 17.24" x 30.74"
Operating Temperature	10°C to 35°C (50°F to 95°F)
Processor	3rd Generation Intel® Xeon® Scalable Processors, 40 cores each, 270W max
Processor Speed	2.3GHz to 3.4GHz
Processor Cache	60MB
Socket	Dual Socket P4
Memory	Up to 32 DIMMs, DDR4 ECC 3200 MHz 12TB Max memory capacity
Storage	4x 2.5" hot-swap drive bays Supports: SSD and NVMe drives 2x internal M.2 NVMe connectors, PCIe® or SATA (22110 or 2280 FF)
Software RAID	0, 1, 10, optional 5
Hardware RAID/Caching	Hardware RAID optional, Caching available
Input Voltage	100-127V @ 12A, 50/60 Hz 200-240V @ 9.5A, 50/60 Hz
Power Supply	Redundant hot-swap 1300W AC
Remote Management	BMC, IPMI 2.0, KVM over HTML5, and Redfish
TPM	Version 2.0, optional
OS Supported	Microsoft® Windows Server® 2019, 2022, VMware® ESXi™ 6.7, 7.0, 8.0, vSphere® 8.0, Nfina-Store™, Red Hat® RHEL 7.9-8.4, SUSE® SLES 15 SP2, 15 SP3, Ubuntu 20.04-LTS, 20.10, 21.04, CentOS™ 8.2, CentOS™ Linux 7, more options available
Regulatory Certifications	CE (Europe), FCC part 15 (US), EAC (Eurasia). NRTL certification (US, Canada), RCM DoC (Australia/NZ), International Compliance - CISRP32 & CISPR24, CB Certification (International), GS (Germany), CU Certification (Russia, Belarus, Kazakhstan), KC (Korea), Ukraine Certification, BSMI (Taiwan), VCCI Certification (Japan), NOM Mexico Certification, South Africa Certification, BIS (India), WEEE (Europe). RoHS (Europe) RoHS 20 (China)
Warranty	5 years

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## SPECIFICATIONS

I/O	4x USB 3.0 ports (1 front, 3 rear) and 1 x USB 2.0 port (front) 1x RJ-45 Serial A port (rear)
Display	1x VGA ports (rear) 128MB of DDR4 video memory Integrated 2D video controller
Ethernet	2x 10GbE LAN (100/1000/10000) standard, other options available 1x 1GbE (Dedicated management port) included
PCIe® Slots	1x PCIe® Gen4 x24 (up to 32GB/s) 2x PCIe® Gen4 x16 (up to 32GB/s)



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