

# Nfina 3204R-i20



## 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 1.5TB total memory
  - Supports Intel® Optane™ Memory
- 4 x 3.5" hot-swap drive bays
  - Supports SAS, SATA, & SSD
- Up to 64TB storage
- 12Gb/s SAS capable
- Redundant hot-swap power supplies
- 2 x 10GbE (100/1000/10000) LAN ports, 1 x 1GbE (mgmt port)

The Nfina 3204R-i20 equipped with 2nd Generation Intel® Xeon® Scalable Processors is an energy-efficient 1U rack-mount dual-socket server optimized for density and performance.

The 3204R-i20 offers exceptional performance and extraordinary value in a 1U server platform. Dual Sockets accommodate up to two 2nd Generation Intel® Xeon® Scalable processors, and robust memory capability make the 3204R-i20 an extremely powerful and versatile server. It is ideal for demanding datacenter applications and highly virtualized computing environments.

Nfina Technologies 3000 Series Servers are an important component in maximizing data center efficiency. Our intelligent hardware designs create efficient solutions, thereby substantially lowering energy and IT costs.

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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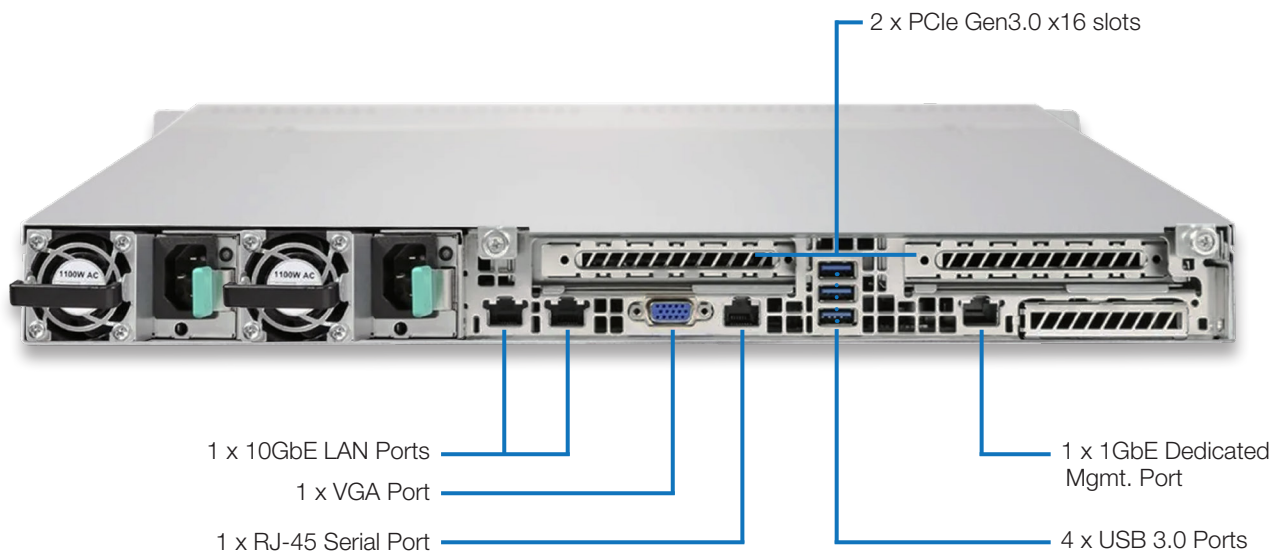
## SPECIFICATIONS

Form Factor	1U rack-mount, 1.72" x 16.93" x 27.95"
Operating Temperature	10°C to 35°C (50°F to 95°F)
Processor	2nd Generation Intel® Xeon® Scalable Processors, up to 28 cores each
Processor Speed	2.7GHz to 4.0GHz
Socket	Dual Socket P
Memory	24 DIMM slots, DDR4 ECC 2933 MHz 1.5TB Memory capacity Intel® Optane™ DC Memory supported
Storage	4 x 3.5" of 2.5" hot-swap SSD and HDD drive bays 2 x internal M.2 NVMe/SSDs (2280), PCIe® or SATA (optional)
Maximum Storage	Up to 64TB, depending on drive type
Software RAID	0, 1, 10, optional 5
Hardware RAID	Hardware RAID (optional)
Input Voltage	100-127V @ 10A, 50/60 Hz 200-240V @ 6A, 50/60 Hz
Power Supply	Redundant hot-swap 1100W AC
Remote Management	IPMI 2.0, KVM over HTML5, included
TPM	Version 2.0, optional
Software Certifications	VMware® ESXi™ 6.0/6.5/7.0 w/ VM Direct Path I/O, SR-IOV, Fault Tolerant
OS Supported	Microsoft® Windows Server® 2016, 2019, Windows® 10 Pro/Enterprise, VMware® ESXi™ 6.0, 6.5, 6.7, 7.0, Open-E® JovianDSS™ & DSS7, Red Hat® RHEL 5,6,7x, SUSE® SLES 11,12, 15, Ubuntu 14,15,16,17, CentOS™ 6,7, XenServer® 6.5-7.6, more options available
Certifications	NRTL Nemko (US, Canada), CE (Europe), RCM (Australia/NZ), GS (Germany), FCC (US), ICES-3(A) (Canada), KC (Korea), Ukraine Certification, BSMI (Taiwan), EAC (Russia), VCCI-A (Japan), RoHS EVPU 20 (China), MIC (Vietnam)
Warranty	5 years

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## SPECIFICATIONS

I/O	5 x USB 3.0 ports (2 front, 3 rear) 1 x RJ-45 Serial-(rear)
Display	2 x VGA ports (1 front, 1 rear)
Ethernet	2 x 10GbE LAN (100/1000/10000) standard, other options available 1 x 1GbE (Dedicated management port)
PCIe® Slots	2 x PCIe® Gen3 x16



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Rev. 012221

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