

Nfina 3204R-i20



FEATURES:

- 1U rack-mount dual-socket server
- Choice of 2nd Generation Intel® Xeon® Scalable Processors
 - Platinum, Gold, Silver and Bronze available
 - 2.2GHz 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 1.5TB total memory
- Supports Intel® Optane™ Memory
- 4 x 3.5" hot-swap drive bays
 - Supports SAS, SATA, & SSD
- Up to 48TB 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



NFINA 3204R-i20

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	2.2GHz to 4.0GHz
Socket	Dual Socket P
Memory	Up to 24 DIMMs, DDR4 ECC 2133/2400/2666/2933 MHz Up to 1.5TB Memory Intel® Optane™ Memory supported
I/O	Five USB, one VGA and two serial ports
Ethernet	1x 1GbE (mgmt port) 2 x 10GbE LAN (100/1000/10000) standard, other options available
PCIe® Slots	Two - 1x PCIe® Gen3 x16
Storage	4 x 3.5" of 2.5" hot-swap drive bays 2 x internal M.2 SSDs, PCIe® or SATA 22x80
Maximum Storage	Up to 48TB, depending on drive type
Software RAID	0, 1, 10, optional 5
Hardware RAID	LSI® Hardware RAID (optional)
Input Voltage	100-127V @ 10A, 50/60 Hz 200-240V @ 6A, 50/60 Hz
Power Supply	Redundant hot-swap 1100W AC power supplies
Remote Management	Remote Management Module (RMM) included
Trusted Platform Module	Trusted Platform Module 2.0 (TPM)
Software Certifications	VMware® ESXi™ 6.0/6.5 w/ VM Direct Path I/O, SR-IOV, Fault Tolerant
OS Supported	Microsoft® Windows Server® 2012, 2016, 2019, Windows® 10 Pro/Enterprise, VMware® ESXi™ 6.0/6.5, Open-E® JovianDSS™ & DSS7, Red Hat® RHEL 5,6,7, SUSE® SLES 11,12, Ubuntu 14,15,16,17, CentOS™ 6,7, XenServer® 6.5-7.3, 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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