

Nfina 5208R-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
- Up to 1.5TB total memory
- Supports Intel® Optane™ Memory
- 8 x 2.5" hot-swap drive bays
 - Supports SAS, SATA, SSD, & NVMe
- Virtual RAID on CPU (VROC) available for NVMe drives
- Up to 122TB 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 5208R-i20 with 2nd Generation Intel® Xeon® Scalable Processors is setting new benchmarks in server performance.

The 5208R-i20 offers exceptional performance and value in a 1U server platform. 2nd Generation Intel® Xeon® Scalable Processors deliver superior performance per-core, and enhanced memory capability makes the 5208R-i20 a remarkably fast server. The 5208R-i20 configured with eight SSD or NVMe drives makes an ideal high performance all-flash array for robust virtualized environments with demanding applications. This server is a perfect fit for data center and enterprise applications that require a HPC platform.

Nfina Technologies Servers can be 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 5208R-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	2.7GHz to 4.0GHz
Socket	Dual Socket P
Memory	Up to 24 DIMMs, DDR4 ECC 2933 MHz 1.5TB Max memory capacity Intel® Optane™ Memory supported
I/O	5 x USB 3.0 ports (2 front, 3 rear) 2 x VGA ports (1 front, 1 rear), 1 x RJ-45 Serial-A (rear)
Ethernet	2 x 10GbE LAN (100/1000/10000) standard, other options available 1 x 1GbE (Management port)
PCIe® Slots	2 x PCIe® Gen3 x16
Storage	8 x 2.5" hot-swap drive bays Supports: 8 NVMe, SSD, and HDD drives 2 x internal M.2 NVMe/SSDs (2280), PCIe® or SATA
Maximum Storage	Up to 122TB, depending on drive type
Software RAID	0, 1, 10, optional 5
Hardware RAID/Caching	Hardware RAID optional, Caching available
Virtual RAID on CPU for NVMe drives	Choose: VROC Premium (0,1,5,10), VROC Standard (0,1,5), or Passthrough (No RAID)
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® 2012, 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, 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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