

The Nfina Technologies 4208T-i20 delivers powerful performance, higher core counts, and flexible storage in a compact desktop server



Features:

- Dual socket desktop / tower server
- Choice of Intel® Xeon® Scalable Processors
 - Platinum, Gold, Silver, and Bronze Available
 - 1.7GHz to 3.8Ghz processor speeds
 - 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 (UPI)
 - Provides increased scalability of the platform
 - Improves communication and throughput between multiple processors
- 2 x 10GbE (100/1000/10000) LAN ports
- Integrated iWARP RDMA Ethernet
- 16 DIMM slots, DDR4-2133/2400/2666MHz
 - Up to 1.0TB total memory
- Supports Intel® Optane™ Memory
- Up to 8 x 3.5" hot-swap drives - or -
Up to 16 x 2.5" hot-swap drives
 - Supports SAS, SATA, SSD, & NVMe
- Intel® VMD enables hot-swapping NVMe SSDs
- 2 x M.2 SSD connectors, PCIe or SATA (22x80)
 - Up to 176TB Storage
- Redundant hot-swap power supplies
- LSI® hardware RAID & caching optional
- Intel® VROC for optional NVMe RAID

The 4208T-i20 delivers robust features and powerful performance in a desktop/tower form factor. Featuring dual Intel® Xeon® Scalable processors, high PCIe lane availability, and SAS/SATA/NVMe flexibility the 4208T-i20 server provides cost-effective options for a customized tower server.

Nfina Technologies 4000 Series Server is a great choice for small to medium businesses, web hosting, and security applications that require a powerful computing platform in a compact package.

Nfina Technologies delivers exceptional value, performance, and functionality with all of our data storage products. Designed and built for virtualized computing environments, our products provide high-density, high reliability 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 on-site response options are available.

Specifications

Form Factor	Desktop / tower, 17.24" x 24.9" x 6.81"
Operating Temperature	°C to 50°C
Processor	Intel® Xeon® Scalable processors, up to 28 cores each 1.7GHz to 3.8GHz processor speeds
Socket	Dual socket P
Memory	Up to 16 DIMMs, DDR4 ECC 2133/2400/2666 MHz Up to 1.0TB Memory
I/O	Six USB, One VGA, and One serial port
Ethernet	2 x 10GbE (100/1000/10000) LAN, other networking options
PCIe®	3 x PCIe® x8 Gen 3 3 x PCIe® x16 Gen 3
Drives	Up to 8 x 3.5" hot-swap drive - or - Up to 16 x 2.5" hot-swap drives Supports: SATA, SAS, SSD and NVMe drives 2 x M.2 SSDs supported, PCIe or SATA (22x80)
Maximum Storage	Up to 176TB, drive dependent
DVD Drive	DVD-RW, CD-RW
SW Raid	0,1,10, optional 5 Intel® VROC (Virtual RAID on CPU) for optional NVMe RAID
HW Raid	LSI® RAID controller optional - supports RAID 0,1,10, optional 5
Remote Management (RMM)	Remote Management Module included
Trusted Platform Module (TPM)	Trusted Platform Module optional
Input Voltage	100-127 V 8.8A 50/60 Hz 200-240 V 4.4A 50/60 Hz
Power Supply	Redundant hot-swap 750W AC power supplies
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

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