

Nfina 4208T-i20



FEATURES:

- Dual socket desktop / tower 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 1TB total memory
 - Supports Intel® Optane™ Memory
- 8 x or 16 x hot-swap drives available
- 4 x NVMe drives supported with 8 bay drive cage
- Up to 245TB storage
- Redundant hot-swap power supplies
- 2 x 10GbE (100/1000/10000) LAN ports

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

The 4208T-i20 delivers robust features and powerful performance in a desktop/tower form factor. Featuring dual 2nd Generation 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 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 4208T-i20

SPECIFICATIONS	
Form Factor	Desktop / Tower, 17.24" x 21.5" x 6.81"
Operating Temperature	10°C to 35°C (50°F to 95°F)
Processors	2nd Generation Intel® Xeon® Scalable processors, up to 28 cores each
Processor Speed	2.7GHz to 4.0GHz
Socket	Dual socket P
Memory	16 DIMM sockets, ECC DDR4 2666/2933 MHz 1TB Max memory capacity Intel® Optane™ Memory supported
I/O	4 x USB 3.0 ports (2 front, 2 rear) 2 x USB 2.0 ports (rear) , 1 x VGA port (rear)
Ethernet	2 x 10GbE LAN (100/1000/10000) standard, other options available 1 x 1GbE (Management port)
PCIe® Slots	3 x PCIe® x8 Gen 3 3 x PCIe® x16 Gen 3
External Drives	Multiple drive cage options: – 4 x 2.5" NVMe and 4 x 2.5" SSD or HDD hot swap drives – 8 x 3.5" or 2.5" SSD or HDD hot swap drives – 16 x 2.5" SSD or HDD hot-swap drives
Internal Drives	2 x M.2 NVMe/SSDs (2280), SATA/PCIe
Maximum Storage	Up to 245TB, depending on drive type
Optical Drive	48x CD-RW / 24 x DVD +/-RW, included
Software RAID	0,1,10, optional 5
Hardware RAID	Hardware RAID optional
Input Voltage	100-127V @ 8.8A, 50/60 Hz 200-240V @ 4.4A, 50/60 Hz
Power Supplies	Dual redundant hot-swap 750W AC power supplies
Remote Management	IPMI 2.0, KVM over HTML5
TPM	Version 2.0, optional
OS Supported	Microsoft® Windows Server® 2016, 2019, Windows® 10 Pro/Enterprise, VMware® ESXi™ 6.0-7.0, 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)
Warranty	5 years

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