

Nfina 4208T Server



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 delivers powerful performance, higher core counts, and flexible storage in a compact desktop server.

The 4208T 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 server provides cost-effective options for a customized tower server.

Nfina Technologies 4208T 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 highdensity, 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.

Nfina Servers come with no adware, spyware, bloatware, or trackware.

HYBRID CLOUD SOLUTIONS
CYBER SECURE SERVERS
BACKUP & RAPID DR
DATA STORAGE

nfina
HYBRID ■ CLOUD SOLUTIONS

NFINA 4208T

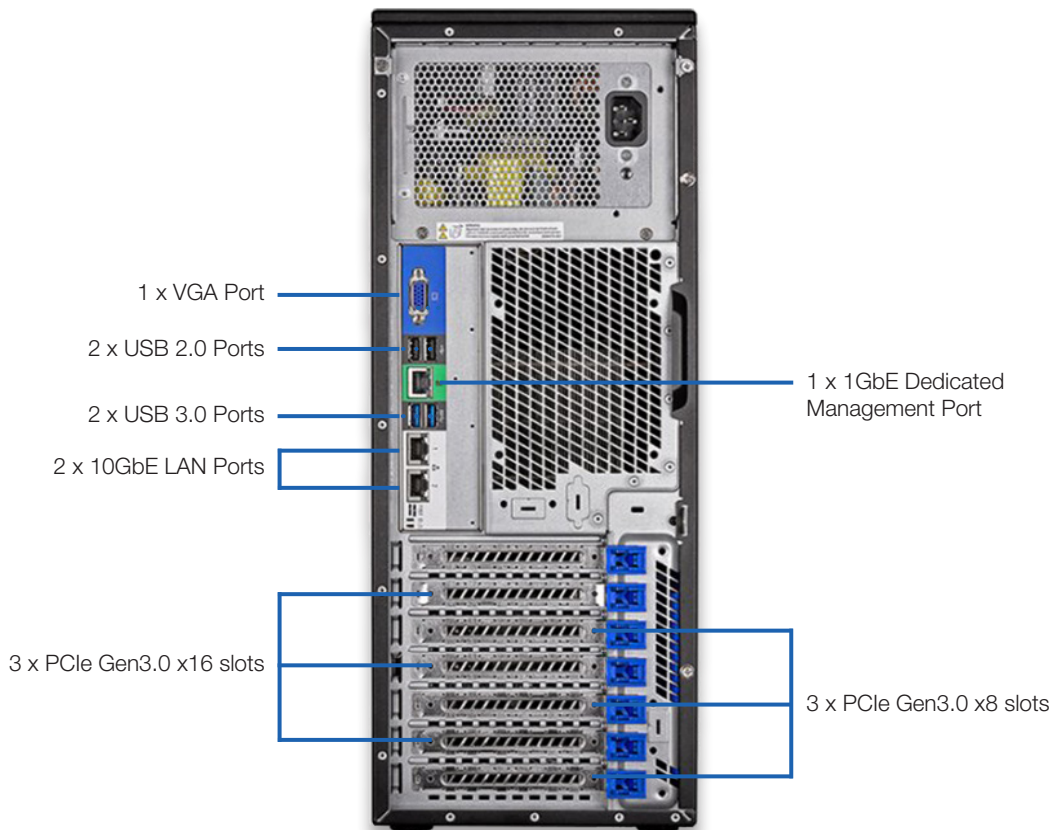
SPECIFICATIONS

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
External Drives	Multiple drive cage options: <ul style="list-style-type: none">– 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® 2019, 2022, Windows® 10 Pro/Enterprise, VMware® ESXi™ 6.0-7.0, Nfina-Store, Edge-Store™, Open-E® JovianDSS™ & DSS7, Red Hat® RHEL5,6,7x, 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

NFINA 4208T

SPECIFICATIONS

I/O	4 x USB 3.0 ports (2 front, 2 rear) 2 x USB 2.0 ports (rear)
Display	1 x VGA port (rear)
Ethernet	2 x 10GbE LAN ports standard, other options available 1 x 1GbE (dedicated management port)
PCIe®	3 x PCIe Gen3.0 x16 slots 3 x PCIe Gen3.0 x8 slots



OTHER NFINA 4208T SOLUTIONS

HYPERCONVERGED SOLUTIONS

4208T-HA

The 4208T-HA is a twin tower hyperconverged/high-availability model developed for businesses requiring a High-Availability solution with a large number of VMs, maximum performance, and uptime and desire the footprint of a desktop unit. These dual-socket servers offer multiple drive cage options including: 8x 3.5" SSD or HDD hot-swap drives, 16x 2.5" SSD or HDD hot-swap drives, or 4x 2.5" NVMe and 4x 2.5" SSD or HDD hot-swap drives per tower. They provide a high level of security, redundancy, and fast data response times. Certified with VMware® ESXi™ and Microsoft® Hyper-V.

4208T-E

The 4208T-E single tower edge device is optimal for businesses that require a high amount of VMs, storage capacity, and more performance than mid-level models and desire the footprint of a desktop unit. This dual-socket tower server offers multiple drive cage options including: 8x 3.5" SSD or HDD hot-swap drives, 16x 2.5" SSD or HDD hot-swap drives, or 4x 2.5" NVMe and 4x 2.5" SSD or HDD hot-swap drives. Certified with VMware® ESXi™ and Microsoft® Hyper-V.

HYBRID CLOUD EDGE-TO-CLOUD SOLUTIONS

4208T-HC

The 4208T-HC is an eight-bay tower Hybrid Cloud solution optimized for mid-sized companies that require more VMs, storage capacity, and performance than entry-level models and desire the footprint of a desktop unit. Nfina's Hybrid Cloud solutions are the perfect alternative to the public hyperscale cloud, offering more benefits than the public cloud without the cost and complexity. Copies of your data are maintained on-site and at geo-redundant off-site locations. Nfina's Hybrid Cloud solutions makes storage, compute, backup, disaster recovery, managed services, and system monitoring easy by becoming your single point of contact for the entire process.

Nfina's Hybrid Cloud products include easy and reliable backup and disaster recovery management tools. **Nfina Edge-Store™** and **Nfina-Store™** are management software designed to create and manage data storage pools. Snapshots created according to your desired frequency provide fool-proof on and off-site backup and disaster recovery protection. For added security, snapshots are encrypted during transmission with at-rest encryption available as an option. **Nfina-View™** software uses a unified management control pane to monitor your edge and cloud data storage pools. In the event of an outage or failure, Nfina-View allows you to quickly failover and run from your backups in minutes, not hours or days. If a ransomware attack occurs, your system is rolled back and restored from snapshots taken before the event occurred. Nfina-View also allows you to test your backups and failover procedures, assuring your IT systems are protected if an actual disaster occurs.

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