

Nfina Hyper-Edge™ 4208T-i20



FEATURES:

- Twin Tower Enclosures
- Up to 2 x Intel® Xeon® Scalable Processors (per tower)
- 2.7GHz to 4.0GHz processor speed
- Up to 1TB memory (per tower)
- 16 x 3.5" or 2.5" hot-swap drive bays standard (8 per tower)
- 32 x 2.5" hot-swap drive bays optional (16 per tower)
- 4-way mirror storage
- 1 x Dedicated IPMI 2.0 LAN port (per tower)
- Choose OS; Microsoft® Windows Server® or VMware ESXi®
- Up to 56 VMs
- Open-E® JovianDSS, storage pool mgmt. software w/ no single point of failure
- Nfina EdgeStore™ 4TB or 8TB License
- Offsite data backup and cloud restoration available
- 5-year warranty with 24x7 Tech Support (other options avail.)

Nfina's Hyper-Edge™ products deliver better security, redundancy, and faster data response times.



Nfina's Hyper-Edge™ 4208T-i20 reduces network strain by making it possible to send only the most valuable and relevant data to the edge servers thus making data processing timelier. Nfina's Hyper-Edge products put information processing (Data Entry, Storage, Compute, Point of Sale, or SMB's) closer to your edge applications. With Nfina powering your edge, you can improve security and compliance, achieve faster response times, create redundancy, reduce latency, lower cost, and complement your existing cloud computing infrastructure.

To ensure data security and retention, four software, backup and disaster recovery options are offered with our Hyper-Edge products: **Nfina EdgeStore**, software included with smaller capacity storage, provides integration for local and offsite data backup and disaster recovery. Unlike many of our competitors, you can choose to store your offsite storage where you like; the cloud, colo, or with Nfina Cloud. **Open-E JovianDSS**, software included with larger capacity storage, helps create and manage HA clusters on your Hyper-Edge device and provides no single point of failure. Features include tiered RAM, unlimited snapshots with instant restore, compression and deduplication, and on and offsite data protection. **Nfina Cloud**, a cloud-based subscription service, allows you to safely back up your Edge and Hyperconverged products. Your data is encrypted before it crosses the wire and remains encrypted during transmission and while stored. Only your organization holds the encryption key. **Nfina Restore** allows you to quickly recover data in the event of a Server or Storage system catastrophic failure. Easily restore individual files, folders, VMs, or even an entire SAN from your cloud storage.

SERVERS

DATA STORAGE

PCs & WORKSTATIONS



NFINA Hyper-Edge™ 4208T-i20

| SPECIFICATIONS | |
|------------------------------|--|
| Form Factor | Twin mid-towers, 14.25" x 7.25" x 16.75" (per tower) |
| Operating Temperature | 10°C to 35°C (50°F to 95°F) |
| Processors | 2nd Gen. Intel® Xeon® Scalable processors, up to 28 cores, 56 threads (2 per tower) |
| Processor Speed | Up to 2.7GHz to 4.0GHz |
| CPU Cache | 38.5MB Intel® Smart Cache (per processor) |
| Socket | Dual socket P |
| Memory | 16 DIMM slots, ECC DDR4 2666/2933 MHz (per tower) 1TB Max memory capacity (per tower) |
| Drives | Up to 8 x 3.5" hot-swap drives; SSD or HDD (per tower) — or — Up to 16 x 2.5" hot-swap drives; SSD or HDD (per tower) Up to 2 x boot drives: 2 x M.2 NVMe/SSDs (2280), SATA/PCIe (per tower) — or — 2 x 2.5" SSDs (per tower) (cannot mix drive type) |
| Optical Drive | 48x CD-RW / 24 x DVD +/-RW, included |
| I/O | 4 x USB 3.1 ports (2 front, 2 rear), 2 x USB 2.0 ports (rear) 1 x VGA port (rear) (per tower) |
| Ethernet | 2 x 10GbE LAN ports native (per tower) 4 x Additional LAN ports required (per tower) - Choose: Single, Dual, or Quad, 1GbE, 10GbE, or FC LAN ports (per tower) 1 x 1GbE (Dedicated management port) (per tower) |
| PCIe® | 3 x PCIe® x8 Gen 3 slot (per tower) 3 x PCIe® x16 Gen 3 slot (per tower) |
| Storage Controller | Choose one: 1 x 9300-8i + 1 x 9300-8e 12Gb/s SAS Host Bus Adapter (per tower) 1 x 9400-8i8e 12Gb/s SAS Host Bus Adapter (per tower) 1 x 9341-8i 12Gb/s RAID w/ 1GB Cache (per tower) 1 x 9361-8i 12Gb/s RAID w/ 1GB or 2GB Cache (per tower) — or — 1 x 9380-8i8e 12Gb/s RAID w/ 2GB CacheVault (per tower) |
| RAID Options | 4-way mirroring |
| Remote Management | IPMI 2.0, KVM over HTML5 |
| TPM | Version 2.0, optional |
| OS/Virtual Platform | Microsoft® Windows Server®, Up to 56 VMs VMware ESXi®, Up to 56 VMs |
| Software Options | Microsoft® Windows Server® 2019, Microsoft® SQL Server, Microsoft® Exchange Server VMware vSphere®, VMware vCenter® Nfina EdgeStore™ 4TB, Nfina EdgeStore™ 8TB — or — Open-E® JovianDSS (depending on desired usable capacity) |
| Backup and Disaster Recovery | Nfina Cloud - Secure cloud based data backup (monthly subscription required) Nfina Restore - Data recovery from cloud storage (monthly subscription required) |
| Input Voltage | 100-127V @ 8.8A, 50/60 Hz, 200-240V @ 4.4A, 50/60 Hz |
| Power Supplies | Dual redundant hot-swap 750W AC (2 per tower) |
| Regulatory 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 (other options available) |

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Rev. 090920

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