

Nfina Edge-Point™ 4208T-i20



FEATURES:

- Dual-socket tower server
- Intel® Xeon® Scalable Processors
- 2.7GHz to 4.0GHz processor speed
- Up to 1TB memory
- 8 x 3.5" or 2.5" hot-swap drive bays standard
- 16 x 2.5" hot-swap drive bays optional
- 4-way mirror storage
- 1 x Dedicated IPMI 2.0 LAN port
- Choose OS; Microsoft® Windows Server® or VMware ESXi®
- Up to 104 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 Edge-Point™ products deliver better security, redundancy, and faster data response times.



Nfina's Edge-Point™ 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 Edge-Point 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, three backup and disaster recovery options are offered for our Edge products: **Nfina EdgeStore**, included with all Nfina Edge products, provides integration for local and off-site data backup and disaster recovery. We maintain copies of critical data on-site and off-site ensuring information is always available for recovery and minimizes downtime. On-site storage can be on a local NAS or the Edge device, when running as a VM. Unlike many of our competitors, you can choose to store your off-site storage where you like; the cloud, colo, or with Nfina Cloud. **Nfina Cloud**, a cloud-based subscription service, allows you to safely back up your Edge 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, and VMs, from your cloud storage.

All Nfina Technologies' Edge products include a standard five-year warranty and 24x7 tech support with remote diagnostics.

SERVERS

DATA STORAGE

PCs & WORKSTATIONS

n-fina
EDGE SOLUTIONS

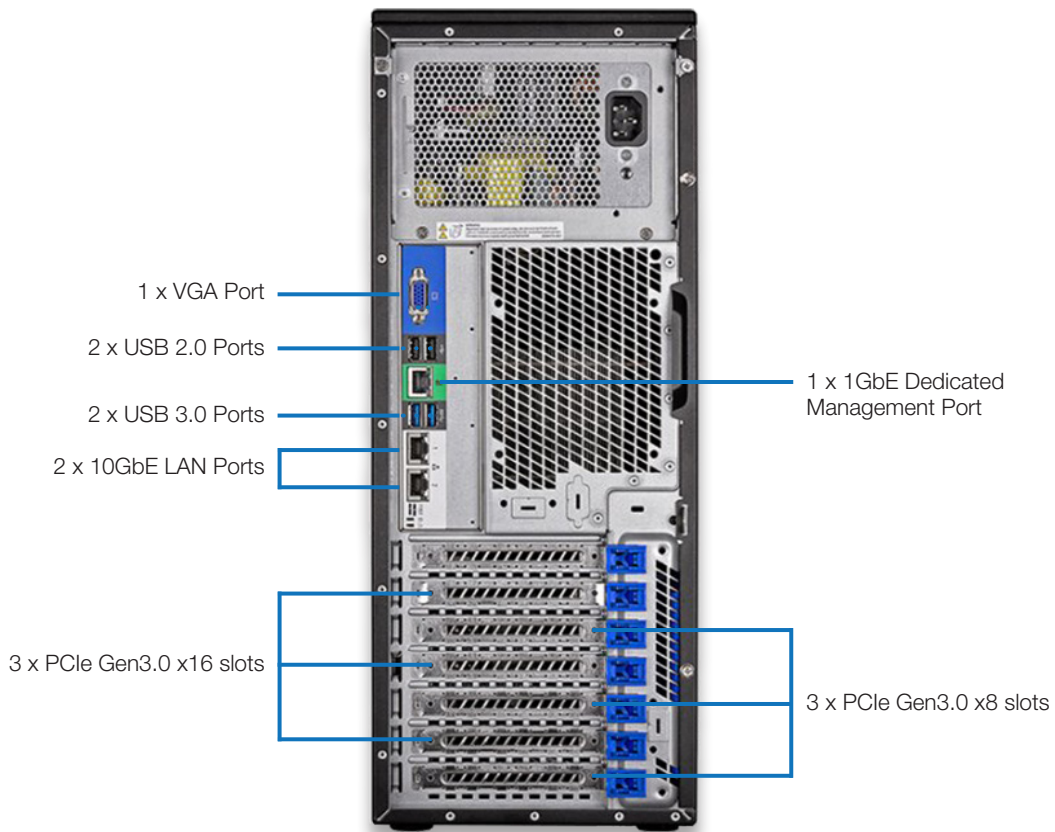
NFINA Edge-Point™ 4208T-i20

SPECIFICATIONS	
Form Factor	Tower enclosure, 14.25" x 7.25" x 16.75"
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
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 1TB Max memory capacity
Drives	Up to 8 x 3.5" hot-swap drives; SSD or HDD — or — Up to 16 x 2.5" hot-swap drives; SSD or HDD Up to 2 x boot drives: 2 x M.2 NVMe/SSDs (2280), SATA/PCIe — or — 2 x 2.5" SSDs (cannot mix drive type) Add up to Seven 12 or 24 bay JBODs for additional storage
Optical Drive	48x CD-RW / 24 x DVD +/-RW, included
Storage Controller	Choose: 1 x 9300-4i 12Gb/s SAS Host Bus Adapters 1 x 9300-4i4e 12Gb/s SAS Host Bus Adapters 1 x 9300-8i 12Gb/s SAS Host Bus Adapters 1 x 9400-8i8e 12Gb/s SAS Host Bus Adapters — or — 1 x 9305-16i 12Gb/s SAS Host Bus Adapters
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 104 VMs VMware ESXi®, Up to 104 VMs
Software Options	Microsoft® Windows Server® 2019, Microsoft® Windows 10 Pro Microsoft® SQL Server, Microsoft® Exchange Server VMware vSphere®, VMware vCenter® Nfina EdgeStore™ 4TB, Nfina EdgeStore™ 8TB 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
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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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 native Other LAN options avail.: Single, Dual or Quad, 1GbE to 100GbE, and Fibre Channel 1 x 1GbE (Dedicated management port)
PCIe®	3 x PCIe Gen3.0 x16 slots 3 x PCIe Gen3.0 x8 slots



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