

Nfina Edge-Point Hybrid Edge-Cloud™ 4208T EP

Professional



FEATURES:

- IaaS solution w/ransomware protection and recovery
 - Disaster Recovery as a Service (DRaaS) included, with off-site data backup and cloud restoration
 - Managed Services included
 - Remote Management and Professional Services included
 - Nfina EdgeView™ Monitoring Software included, provides failover recovery in minutes
 - Nfina EdgeStore™ Storage Mgmt. Software, included
 - VMware vSphere® Essentials included
 - Microsoft Windows Server Software optional
 - 2-way mirrored storage
 - Up to 12 VMs
 - 5-year warranty with 24x7 Tech Support
-
- Dual-socket tower server
 - 2 x Intel® Xeon® Scalable Processors
 - Up to 192TB memory
 - Up to 6 x 2.5" hot-swap SSDs
 - 2 x 2.5" Intel Optane NVMe SSDs

Nfina's Hybrid Edge-Cloud™ mirrored storage solution provides failover protection within minutes.

Nfina's Hybrid Edge-Cloud™ 4000 Series Professional Systems are scalable, eight-bay, tower models optimal for mid-sized companies that require more VMs, storage capacity, and performance than entry-level models and desire the footprint of a desktop unit. These systems are fully managed Infrastructure as a Service (IaaS) solutions designed to protect and ransomware proof your business. Copies of critical data are maintained on-site and off-site, ensuring information is always available for recovery and downtime is kept to a minimum. We make data management easy by combining the entire process into a single solution; Infrastructure as a Service (IaaS), Disaster Recovery as a Service (DRaaS), Managed Services, and EdgeView™ Monitoring Software.

Nfina's Hybrid Edge-Cloud products include easy and reliable backup and disaster recovery management tools. **Nfina EdgeStore™** is management software used to create and manage data storage pools. Snapshots created according to your desired frequency provide full-proof on and off-site backup and disaster recovery protection. On-site storage can be on a local NAS or Edge device when running as a VM. Off-site storage, hosted in the Nfina Cloud, allows you to safely backup 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. For added ransomware protection and recovery **Nfina's EdgeView™** software uses a unified management control pane to monitor your Edge and cloud data storage pools. In the event of a catastrophic failure, EdgeView allows you to quickly failover and run from your backups in minutes, not hours or days. If a ransomware attack occurs, your system is restored from snapshots taken before the event occurred. EdgeView also allows you to test failover procedures, assuring your IT systems are protected if an actual disaster occurs. Like all Nfina products, all software includes a five-year warranty and support.

SERVERS

DATA STORAGE

PCs & WORKSTATIONS

n-fina
EDGE SOLUTIONS

Nfina Edge-Point Hybrid Edge-Cloud™ 4208T EP

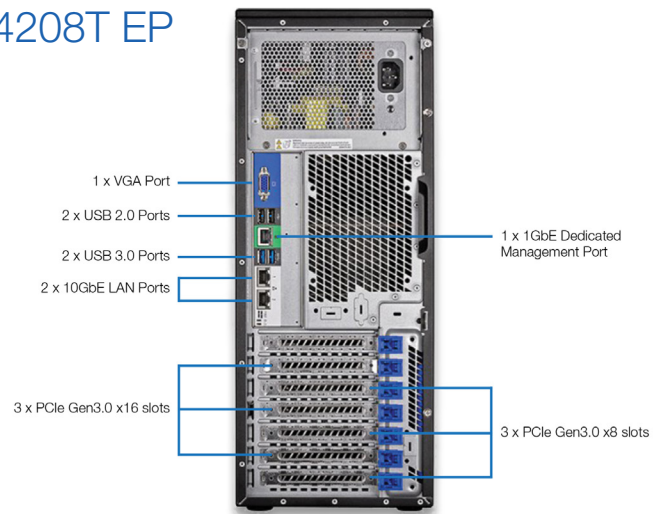
SPECIFICATIONS

Model	4208T EP-4	4208T EP-8	4208T EP-12
Processors	2 x Intel® Xeon® Silver 4208 Scalable processors	2 x Intel® Xeon® Silver 4215 Scalable processors	2 x Intel® Xeon® Gold 5217 Scalable processors
Cores & Threads	8 cores, 16 threads (per)	8 cores, 16 threads (per)	8 cores, 16 threads (per)
Processor Speed	2.1GHz to 3.2GHz (per)	2.5GHz to 3.5GHz (per)	3.0GHz to 3.7GHz (per)
Intel® Smart Cache	11MB (per processor)	11MB (per processor)	11MB (per processor)
Socket	Dual socket P	Dual socket P	Dual socket P
Memory Included	96GB memory 12 x 8GB DDR4, 2933MHz	128GB memory 8 x 16GB DDR4, 2933MHz	192GB memory 12 x 16GB DDR4, 2933MHz
Storage Pool Drives	6 x 960GB 2.5" hot-swap SSDs (Mirrored) 2 x 100GB 2.5" Intel Optane™ NVMe SSDs (Write log)	6 x 1.92TB 2.5" hot-swap SSDs (Mirrored) 2 x 100GB 2.5" Intel Optane™ NVMe SSDs (Write log)	4 x 3.84TB 2.5" hot-swap SSDs (Mirrored) 2 x 100GB 2.5" Intel Optane™ NVMe SSDs (Write log)
Boot Drives	2 x 500GB M.2 SSDs	2 x 500GB M.2 SSDs	2 x 500GB M.2 SSDs
Storage Capacity	2.36TB usable	4.72TB usable	6.29TB usable
Optical Drive	48x CD-RW / 24 x DVD +/-RW, included		
Storage Controller	1 x 9400-8i8e 12Gb/s SAS Host Bus Adapter		
Remote Management	IPMI 2.0, KVM over HTML5		
TPM	Version 2.0, optional		
OS/Virtual Platform	VMware vSphere® Essentials		
# of VMs	4	8	12
Software Included	Nfina EdgeView™ Monitoring Nfina EdgeStore™ 4TB VMware ESXi™	Nfina EdgeView™ Monitoring Nfina EdgeStore™ 8TB VMware ESXi™	Nfina EdgeView™ Monitoring Nfina EdgeStore™ 8TB VMware ESXi™
Optional Software	Microsoft® Windows Server® 2019, CALs extra	Microsoft® Windows Server® 2019, CALs extra	Microsoft® Windows Server® 2019 Datacenter, CALs extra
Managed Services and DRaaS Included	Nfina Cloud - Secure cloud based data backup and storage Nfina Restore - Data recovery from cloud storage		
Form Factor	4208T-i20 Tower enclosure, 14.25" x 7.25" x 16.75"		
Operating Temp	0°C to 35°C (50°F to 95°F)		
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, Hardware and Software		

Nfina Edge-Point Hybrid Edge-Cloud™ 4208T EP

SPECIFICATIONS

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



SPECIFICATIONS SUMMARY

Usable Storage	2.36TB	4.72TB	6.29TB
Intel® Xeon® Processors	2 x Silver 4208	2 x Silver 4215	2 x Gold 5217
Memory Included	96GB	128GB	192GB
# of VMs	4	8	12

Model	4208T EP-4W	4208T EP-8W	4208T EP-12WDC⁺
--------------	--------------------	--------------------	-----------------------------------

Includes IaaS, DRaaS, Managed Services, Remote Monitoring, VMware Essentials, EdgeStore and EdgeView Software

Microsoft Windows Server 2019 Included

Model	4208T EP-4	4208T EP-8	4208T EP-12
--------------	-------------------	-------------------	--------------------

Includes IaaS, DRaaS, Managed Services, Remote Monitoring, VMware Essentials, EdgeStore and EdgeView Software

© 2021 Nfina Technologies, Inc. All rights reserved. Edge-Point™, Hybrid Edge-Cloud™, EdgeView™ and EdgeStore™ are trademarks of Nfina Technologies, Inc., Intel® and XEON® are registered trademarks of Intel Corporation. Other trademarks and trade names that may be used in this document are owned by their respective companies. Nfina believes the information in this document is accurate as of its publication date. The information is subject to change without notice. The contents of this document are provided as-is, without any express or implied warranties of any kind.