

Nfina Edge-Point Hybrid Edge-Cloud™ 5208R 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
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- Dual-socket rack-mount server
 - 2 x Intel® Xeon® Scalable Processors
 - Up to 192TB memory
 - Up to 6 x 2.5" hot-swap SSDs

Nfina's Hybrid Edge-Cloud™ solutions store critical data on-site and off-site in the Nfina Cloud.

Nfina's Hybrid Edge-Cloud™ 5000 Series Professional Systems are scalable, eight-bay, rack-mount models optimal for mid-sized companies that require more VMs, storage capacity, and performance than entry-level models. 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™ 5208R EP

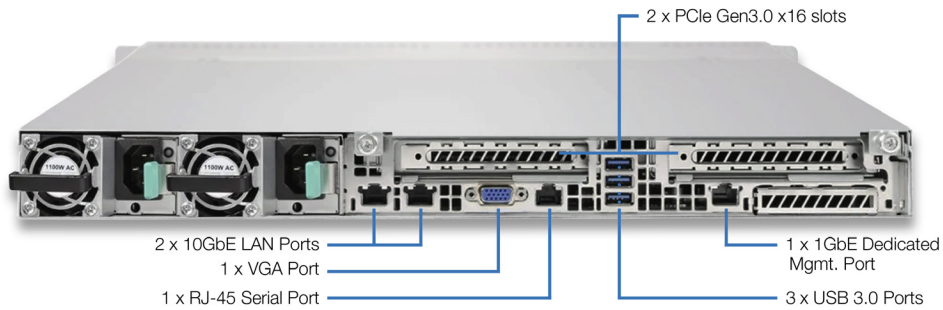
SPECIFICATIONS

Model	5208R EP-4	5208R EP-8	5208R 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
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	5208R-i20 1U rack-mount enclosure, 1.72" x 16.93" x 27.95"		
Operating Temp	10°C to 35°C (50°F to 95°F)		
Input Voltage	100-127V @ 10A, 50/60 Hz 200-240V @ 6A, 50/60 Hz		
Power Supplies	Dual redundant hot-swap 1100W 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), RoHS EGPU 20 (China), MIC (Vietnam)		
Warranty	5 years, Hardware and Software		

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I/O ports	5 x USB 3.0 ports (2 front, 3 rear) 1 x RJ-45 Serial (rear)
Display ports	2 x VGA ports (1 front, 1 rear)
Ethernet ports	2 x 10GbE LAN ports 1 x 1GbE (Dedicated management port)
PCIe® slots	2 x PCIe® Gen3 x16



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	5208R EP-4W	5208R EP-8W	5208R EP-12WDC ⁺
Includes IaaS, DRaaS, Managed Services, Remote Monitoring, VMware Essentials, EdgeStore and EdgeView Software			
Microsoft Windows Server 2019 Included			

Model	5208R EP-4	5208R EP-8	5208R EP-12
Includes IaaS, DRaaS, Managed Services, Remote Monitoring, VMware Essentials, EdgeStore and EdgeView Software			

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