

Nfina 7212R-i20s SAN



FEATURES:

- Twin 2U rack-mount dual-socket 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
- Up to 1.5TB total memory (per chassis)
- Supports Intel® Optane™ Memory
- 24 x 3.5" hot-swap drive bays
 - Supports SSD, HDD & NVMe drives
- Up to 384TB storage (192TB usable)
- Redundant hot-swap power supplies
- 4 x 10GbE (100/1000/10000) LAN ports, 2 x 1GbE (mgmt port)
- Open-E® JovianDSS, storage pool mgmt. software w/ no single point of failure
- On & Off-site data protection, stores copies locally and remotely
- Create unlimited snapshots
- Instant data recovery

The Nfina Technologies 7212R-i20s SAN is a high-performance, high-density storage solution perfect as a stand-alone SAN appliance or in a hyperconverged cluster.

The Nfina 7212R-i20s SAN with 2nd Generation Intel® Xeon® Scalable System Framework (SSF) is truly a breakthrough in storage technology. Built with flexibility and reliability at the forefront this SAN can be equipped with a hybrid array of NVMe, SSD, and M.2 drives. An easy to use GUI allows flexible storage provisioning as a SAN appliance or a hyperconverged cluster.

In IT environments consisting of hyperconverged systems, virtualized systems, advanced analytics, or artificial intelligence, the 7212R-i20s SAN server delivers on performance and efficiency.

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 high-density, 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.

SERVERS

DATA STORAGE

PCs & WORKSTATIONS



NFINA 7212R-i20s SAN

SPECIFICATIONS	
Form Factor	Twin 2U rack-mount, 3.44" x 16.93" x 27.95" (per chassis)
Operating Temperature	10°C to 35°C (50°F to 95°F)
Processor	2nd Generation Intel® Xeon® Scalable Processors, up to 28 cores each
Processor Speed	2.7GHz to 4.0GHz
Socket	Dual Socket P
Memory	Up to 24 DIMM slots, DDR4 ECC 2666/2933 MHz (per chassis) 1.5TB Max memory capacity (per chassis) Intel® Optane™ Memory supported
I/O	3 x USB 3.0 ports (rear) 1 x USB 2.0 ports (front) 1 x VGA port (rear), 1 x RJ-45 Serial-A port (rear) (per chassis)
Ethernet	2 x 10GbE LAN (100/1000/10000) standard, other options available (per chassis) 1 x 1GbE (Management port) (per chassis)
PCIe® Slots	7 x PCIe® Gen3 x8 (per chassis) 1 x PCIe® Gen3 x4 (per chassis)
Storage	12 x 3.5" or 2.5" hot-swap drive bays (front – per chassis) Supports/per chassis: 12 SSD or HDD drives -or- 10 SSD or HDD, and 2 NVMe drives 2 x 2.5" rear mounted hot-swap drives (optional – per chassis) 2 x Internal M.2 NVMe/SSDs (2280), PCIe® or SATA (optional – per chassis)
Maximum Storage	Up to 384TB (192TB usable), depending on drive type
Software RAID	0, 1, 10, optional 5
Hardware RAID	Hardware RAID (optional)
Input Voltage	100-127V @ 8.5A, 50/60 Hz 200-240V @ 7.5A, 50/60 Hz
Power Supply	Redundant hot-swap power supplies 1300W AC
Remote Management	IPMI 2.0, KVM over HTML5
TPM	Version 2.0, optional
OS Supported	Open-E® JovianDSS™, VMware® ESXi™ 6.0-7.0, Microsoft® Windows Server® 2016, 2019, Red Hat® RHEL 5,6,7x, SUSE® SLES 11,12, Ubuntu 14,15,16,17, XenServer® 6.5-7.6, CentOS™ 6,7, KVM, 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), RoHS EVPU 20 (China), MIC (Vietnam)
Warranty	5 years

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