

Nfina 7212R-i20s SAN



FEATURES:

- Twin 2U rack-mount dual-socket server
- Choice of Intel® Xeon® Scalable Processors
 - Platinum, Gold, Silver and Bronze available
 - 1.7GHz to 3.8GHz processor speeds available
 - Up to 28 cores per processor
- Intel® Advanced Vector Extensions (AVX-512)
 - Accelerates deduplication, encryption, compression, & decompression
 - Double the flops per clock cycle of AVX2
- Intel® Ultra Path Interconnect
- Up to 1.54TB total memory (per chassis)
- Supports Intel® Optane™ Memory
- 24 x 3.5" hot-swap drive bays
 - Supports SAS, SATA, SSD, & NVMe
- Up to 288TB storage (144TB usable)
- Redundant hot-swap power supplies
- 4 x 10GbE (100/1000/10000) LAN ports

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 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 SATA, SAS, 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"
Operating Temperature	10°C to 35°C (50°F to 95°F)
Processor	Intel® Xeon® Scalable Processors, up to 28 cores each
Processor Speed	1.7GHz to 3.8GHz
Socket	Dual Socket P
Memory	Up to 24 DIMMs, DDR4 ECC 2133/2400/2666 MHz (per chassis) Up to 1.54TB Memory (per chassis) Intel® Optane™ Memory supported
I/O	Five USB and Two serial ports (per chassis)
Ethernet	2 x 10GbE LAN (100/1000/10000) standard, other options available (per chassis)
PCIe® Slots	Two - 3x PCIe® Gen3 x8 (per chassis) One - 1x PCIe® Gen3 x8 + 1x PCIe® Gen2 x4 (per chassis)
Storage	12 x 3.5" or 2.5" hot-swap drive bays (front – per chassis) Supports/per chassis: 12 SSD, SATA, SAS drives -or- 10 SSD, SATA, SAS and 2 NVMe drives 2 x 2.5" rear mounted hot-swap drives (optional – per chassis) 2 x 2.5" internal SSD drives (optional – per chassis) 2 x Internal M.2 SSDs, PCIe® or SATA 22x80 (optional – per chassis)
Maximum Storage	Up to 288TB (144TB usable), depending on drive type
Software RAID	0, 1, 10, optional 5 Intel® VROC (Virtual RAID on CPU) for optional NVMe RAID
Hardware RAID	LSI® Hardware RAID (optional)
Input Voltage	100-127V @ 8.5A, 50/60 Hz 200-240V @ 7.5A, 50/60 Hz
Power Supply	Redundant hot-swap 1300W AC power supplies
Remote Management	Remote Management Module (RMM) included
Trusted Platform Module	Trusted Platform Module 2.0 (TPM) optional
OS Supported	Open-E® JovianDSS™, VMware® ESXi™ 6.0/6.5, Microsoft® Windows Server® 2012 R2, 2016, 2019, Red Hat® RHEL 5,6,7, SUSE® SLES 11,12, Ubuntu 14,15,16,17, XenServer® 6.5-7.3, 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

© 2019 Nfina Technologies, Inc. All rights reserved. Intel®, XEON®, and Intel® Optane™ are registered trademarks of Intel Corporation. LSI® is a trademark of Avago Technologies. 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.

Rev. 050319

Address: 820 S. University Blvd. Suite 4E, Mobile, AL 36609

Telephone: 251.243-0043

Email: nfina_sales@nfinausa.com

Website: www.nfinausa.com