



The Nfina Technologies™ 814i22s SAN with SSD caching, a high-performance and high-density storage solution.

## Features:

- Twin 2U dual socket rack-mount servers
- Intel® E5-2600 v4 family processor
- GUI SW w/Active-Active Failover
- 2 x 10GbE LAN (100/1000/10000) (per chassis)
- 2 x 1GbE LAN (100/1000) (per chassis)
- 48 x 2.5" hot-swap drive bays
- 12Gb/s SAS Connectivity
- Redundant hot-swap power supplies
- LSI® hardware RAID included
- SSD caching
- Open-E® JovianDSS™ iSCSI SAN
- VMware® ESXi™ 6.5 certified iSCSI SAN
- Microsoft® Windows Server® 2012 R2 certified Storage Spaces Enclosure

The Nfina Technologies 814i22s is our highest performance primary storage solution. An easy to use GUI provisions up to 192TB (96TB usable) onboard and can easily be extended to 500TB by adding Nfina 602 JBOD storage expansion units. The 814i22s configured with SSD drives delivers blazing speed and high reliability at a value unmatched in the industry. It is well suited for applications that demand the highest speeds possible when retrieving data from storage.

The 814i22s is an outstanding choice for primary storage in an enterprise or data center environment.

At Nfina Technologies we achieve high availability and performance with our servers NAS, SAN and JBOD products. Our designs and components are manufactured to the highest quality standards in the industry for use in the most demanding 24/7 data center applications.

Nfina Technologies delivers exceptional value, performance, and functionality with our data storage products. Optimized for virtualized computing requirements, 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 Technology servers are backed by a five-year warranty and 24/7 customer support. Next day and four hour on-site response options are available.

## Specifications:

Form Factor	Twin 2U rack-mount, 6.88" x 16.93" x 27.95"
Operating Temperature	10°C to 35°C
Processor	Intel® Xeon® Processors E5-2600 v4 Family, Up to 22 cores each
Socket	Dual R3
Memory	Up to 1.54TB DDR4 ECC RDIMM 1866/2133/2400/2666 (per chassis)
I/O	Five USB and two serial ports (per chassis)
PCIe (per chassis)	One PCIe x4 Gen 3 Six PCIe x8 Gen3
HW RAID	LSI® hardware RAID
Storage	48 x 2.5" hot swap drive bays, SATA/SAS/SSD storage, 24 x drives per chassis
Maximum Capacity	192TB (96TB Usable) SSD storage
Caching	Caching options available
Ethernet	2 x 10GbE LAN (100/1000/10000) (per chassis) 2 x 1GbE LAN (100/1000) (per chassis)
Input Voltage (per chassis)	100-127 V 8.6A 50/60 Hz 200-240 V 4.5A 50/60 Hz
Remote Management	Remote management option available
Power Supply	Redundant hot-swap 1100W AC power supplies
Software Certifications	VMware® ESXi™ 6.5 certified iSCSI SAN Microsoft® Windows Server® 2012 R2 certified Storage Spaces Enclosure Open-E® JovianDSS™ iSCSI SAN
Certifications	NRTL Nemko (US/Canada), CE (Europe), Ctick (Australia/NZ), GS (Germany), FCC (US), ICES-3A (Canada), BSMI (Taiwan), EAC (Russia), VCCI-A (Japan), KCC (Korea)

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