



The Nfina Technologies™ 814i20 storage server delivers a high-performance, high-density storage solution ideally suited for file server and backup storage applications.

Features:

- 2U rack-mount, dual-socket NAS
- Intel® E5-2600 v4 family processor
- Dual 10GbE LAN (100/1000/10000)
- 24 x 2.5" front hot-swap drive bays
- 2 x 2.5" rear hot-swap drive bays
- 12Gb/s SAS connectivity
- Up to 96TB storage
- Redundant hot-swap power supplies
- LSI® advanced hardware RAID
- Caching options available
- Microsoft® Windows Server® 2012 R2 certified Storage Spaces Enclosure

The Nfina Technologies 814i20 rack storage server delivers a high performance, high-density storage solution, ideally suited for multi-tiered NFS file servers and high performance backup and secondary storage applications. The 814i20 can be configured with SSD drives for maximum performance and reliability. Depending on drive type, the 814i20 can provision up to 96TB onboard and storage capacity is easily expanded by adding 602 JBOD storage expansion units.

At Nfina Technologies we achieve maximum 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's NAS storage solutions are ideal for any data center that requires efficient, high speed, and high reliability data storage for big data applications. Data centers for enterprise, military, and municipal government will benefit from Nfina's outstanding value, reliability and performance.

Nfina Technologies delivers exceptional value, performance, and functionality with our data storage products. Optimized for virtualized computing requirements, our servers 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 servers a custom fit for many applications.

All Nfina Technology products are backed by a five-year warranty and 24/7 customer support. Next day and four hour on-site response options are available.

Specifications

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| Form Factor | 2U rack-mount, 3.44" x 16.93" x 27.95" |
| Operating Temperature | 10°C to 35° |
| 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 MHz |
| I/O | Five USB and two serial ports |
| PCIe | One PCIe x4 Gen 3 Six PCIe x8 Gen3 |
| Storage | 12 x 3.5" hot-swap drive bays (front) 2 x 2.5" hot-swap drive bays (rear) |
| HW RAID | LSI® hardware RAID |
| Ethernet | 2 x 10GbE LAN (100/1000/10000) standard, other options available |
| Maximum Storage | Up to 96TB, depending on drive type |
| Input Voltage | 100-127 V 8.6A 50/60 Hz 200-240 V 4.5A 50/60 Hz |
| Remote Mgmt. Module | Remote Management Module (RMM) included |
| Trusted Platform Module | Trusted Platform Module (TPM) optional |
| Software Certifications | Microsoft® Windows Server® 2012 R2 certified Storage Spaces Enclosure |
| OS Supported | Microsoft® Windows Server® 2012, 2016, Windows® 10 Pro/Enterprise, VMware® ESXi™ 6.0/6.5, Open-E® JovianDSS™ & DSS7, Red Hat® RHEL 5,6,7, SUSE® SLES 11,12, Ubuntu 14,15,16,17, CentoOS™ 6,7, XenServer® 6.5-7.3, more options available |
| Power Supply | Redundant hot-swap 1100W AC power supplies |
| Rails | Standard rails included (extending rails optional) |
| 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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