

# Nfina 714i20



## FEATURES:

- 2U rack-mount dual-socket server
- Intel® Xeon® Processor E5-2600 v4
- 2 x 10GbE LAN (100/1000/10000), other network options available
- 12 x 3.5" hot-swap drive bays
- 2 x 2.5" hot-swap drive bays
- 12Gb/s SAS capable
- Up to 144TB storage
- LSI® hardware RAID
- Redundant hot-swap power supplies
- Plug-and-play expandability with 600 Series JBOD
- Caching options available
- Microsoft® Windows Server® 2012 R2 certified Storage Spaces Enclosure

The Nfina Technologies 714i20 is a high-value and high-density storage solution ideal for storage and backup applications.

Nfina Technologies' 714i20 is our most cost-effective, highest density offering for primary storage. Designed for high performance use in a wide range of applications, the 714i20 is an outstanding general-purpose platform for storage and backup applications in data centers that demand high density and high reliability. The unit is provided with software options pre-configured as an iSCSI or NFS volume. It's easy to use GUI provisions up to 144TB onboard and can easily be extended to 1PB by adding 600 Series JBOD storage expansion units.

Nfina's server solutions are ideal for any data center or enterprise that requires efficient, high speed, and highly reliable performance for big data applications. Data centers for enterprise, military, and municipal government will benefit from Nfina's outstanding value.

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 714i20

## SPECIFICATIONS

|                         |  |
|-------------------------|--|
| Form Factor             | 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® Processor E5-2600 v4 Family, Up to 22 cores   |
| Socket                  | Dual R3  |
| Memory                  | Up to 24 DIMMs, DDR4 ECC 1866/2133/2400/2666 MHz<br>Up to 1.54TB Memory  |
| I/O                     | Five USB and Two serial ports  |
| Ethernet                | 2 x 10GbE LAN (100/1000/10000) standard, other options available   |
| PCIe® Slots             | One PCIe x4 Gen3<br>Six PCIe x8 Gen3   |
| Storage                 | 12 x 3.5" hot-swap drive bays (front)<br>2 x 2.5" hot-swap drive bays (rear)   |
| Maximum Storage         | Up to 144TB, depending on drive type   |
| Software RAID           | 0,1,10, 5  |
| Hardware RAID           | LSI® Hardware RAID (optional)  |
| Caching                 | SSD caching available  |
| Input Voltage           | 100-127V @ 8.8A, 50/60 Hz<br>200-240V @ 4.4A, 50/60 Hz   |
| Power Supply            | Redundant hot-swap 1100W AC power supplies   |
| Remote Management       | 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 |
| 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)                                   |
| 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. 032719

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

**Telephone:** 251.243-0043

**Email:** nfina\_sales@nfinausa.com

**Website:** www.nfinausa.com