



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

Features:

- 2U rack-mount, dual-socket NAS
- Intel® Xeon® processors 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
- Redundant hot-swap power supplies
- LSI® hardware RAID
- Caching options available
- Microsoft® Windows Server® 2012 R2 certified Storage Spaces Enclosure

Nfina Technologies' 714i20 NAS is our most cost-effective, highest density offering for primary storage. Designed for high performance use in a wide range of server applications, the 714i20 NAS is an outstanding general-purpose platform for file server 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 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 and enterprise applications.

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' 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

Form Factor	2U rack-mount, dual-socket, 16.93" x 27.95" x 3.44"
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
I/O	Five USB, two serial ports
PCIe	One PCIe x4 Gen3 Six PCIe x8 Gen3
Storage	12 x 3.5" hot-swap drive bays (front) 2 x 2.5" hot-swap drive bays (rear)
Maximum Storage	Up to 144TB
SW RAID	0,1,10, 5
HW Raid	LSI® hardware RAID
Ethernet	2 x 10GbE LAN (100/1000/10000) standard Other network options available
Input Voltage	100-127 V 8.8A 50/60 Hz 200-240 V 4.4A 50/60 Hz
Power Supply	Redundant hot-swap 1100W
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
Remote Mgmt Module	Remote Management Module (RMM) included
Trusted Platform Module	Trusted Platform Module (TPM) optional
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)

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