

# Nfina 824i20



## FEATURES:

- 2U rack-mount dual-socket server
- Intel® Xeon® Processors E5-2600 v4
- 2 x 10GbE LAN (100/1000/10000), other network options available
- 24 x 2.5" hot-swap drive bays
- 2 x 2.5" hot-swap drive bays
- 12Gb/s SAS capable
- Up to 96TB 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 824i20 storage server delivers a high-performance, high-density storage solution ideally suited for file server and backup storage applications.

The Nfina Technologies 824i20 rack storage server delivers a high performance, high-density storage solution, ideally suited for multi-tired NFS file servers and high performance backup and secondary storage applications. The 824i20 can be configured with SSD drives for maximum performance and reliability. Depending on drive type, the 824i20 can provision up to 96TB onboard and storage capacity is easily expanded by adding 600 Series JBOD storage expansion units.

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 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 824i20

## 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® Processors E5-2600 v4 Family, Up to 22 cores each
Socket	Dual R3
Memory	Up to 24 DIMMs, DDR4 ECC 1866/2133/2400/2666 MHz 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 Six PCIe x8 Gen3
Storage	24 x 2.5" hot-swap drive bays (front) 2 x 2.5" hot-swap drive bays (rear)
Maximum Storage	Up to 96TB, 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 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), Ctick (Australia/NZ), GS (Germany), FCC (US), ICES-3(A) (Canada), KCC (Korea), BSMI (Taiwan), EAC (Russia), VCCI-A (Japan)
Warranty	5 years

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