



## The Nfina Technologies 428i2 compact, high-performance dual-socket desktop server

### Features:

- Dual socket desktop / tower server
- Intel® Xeon® Processor E5-2600 v4 Family
- Up to 22 cores per processor
- 48x CD-RW / 24x DVD ±RW
- 16 memory slots, 1.54TB max. memory
- 2 x 1GbE Ports, other options avail.
- 12Gb/s SAS capable
- Up to 8 x 3.5" hot-swap drive bays - or -  
Up to 16 x 2.5" hot-swap drive bays
- All-flash or hybrid array solutions
- Redundant hot-swap power supplies
- LSI® 12G SAS I/O controller included  
Supports hardware RAID 0,1,10
- Optional key supports RAID 5
- Caching options available

The 428i2 is designed to provide the power of a high performance, rack mount server in a compact desktop / tower package. The combination of the 428i2's dual sockets and expanded memory capability are a perfect fit for high performance virtualized computing applications. It offers excellent performance and extraordinary value in a remarkably small footprint.

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 Technologies 400 Series Servers are a great choice for small businesses that require a powerful computing platform in a compact package.

Nfina Technologies delivers exceptional value, performance, and functionality with all of our data storage products. Designed and built for virtualized computing environments, our products provide high-density, high reliability 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 24/7 customer support and a five-year warranty. Next day and four hour on-site response options are available.

## Specifications

Form Factor	Desktop / tower, 17.24" x 24.9" x 6.81"
Operating Temperature	0°C to 50°C
Processor	Intel® Xeon® Processors E5-2600 v4, up to 22 cores each
Socket	Dual socket R3
Memory	Up to 1.54TB DDR4 ECC RDIMM, 2400/2666 MHz
I/O	Seven USB, one VGA, and one serial port
PCIe	1 – PCIe x8 Gen 3, 4 – PCIe x16 Gen 3, 1 – PCIe x4 Gen 2.x
Drives	4 or 8 x 3.5" hot-swap drive bays standard 8 or 16 x 2.5" hot-swap drive bays optional
Maximum Storage	Up to 96TB
DVD Drive	DVD-RW, CD-RW
SW Raid	0,1,10
HW Raid	LSI® 12G SAS I/O controller with RAID 0,1,10, Optional RAID 5 key
Remote Management (RMM)	Remote Management Module included
Trusted Platform Module (TPM)	Trusted Platform Module optional
Ethernet	2 x 1GbE, other network options available
Input Voltage	100-127 V 8.8A 50/60 Hz 200-240 V 4.4A 50/60 Hz
Power Supply	Dual redundant hot-swap 750W AC power supplies
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
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)

Contact: Nfina Technologies, Inc.  
 820 S. University Blvd., STE 4E  
 Mobile AL 36609  
 Web: [www.nfinausa.com](http://www.nfinausa.com)  
 Email: [nfina\\_sales@nfinausa.com](mailto:nfina_sales@nfinausa.com)  
 Tel: 251-243-0043  
 Fax: 251-316-3884

