



The Nfina 418i2-W compact, High Performance Engineering Workstation

Features:

- Desktop/tower workstation
- Intel® Xeon® E3-1200 v5/6 Processor
- 4 cores total
- 4 memory slots, 64GB max. memory
- 2 x 1GbE ports
- 12GB/s SAS connectivity
- Up to 8 x 3.5" hot-swap drives -or-
Up to 8 x 2.5" hot-swap drives
- 1 x M.2 SSD internal slot (2242)
- 2 Redundant hot-swap power supplies
- LSI® hardware RAID (optional)
- NVIDIA® graphics card
- LED monitor (single or dual)

The Nfina 418i2-W is a high performance workstation, ideal for graphic and computation-intensive applications. It combines power, efficiency, price, and performance in a desktop-tower package. Graphics and RAID options allow the 418i2-W to be tailored for specific workstation need. Ease of setup, outstanding performance, and storage expandability make it a product that can meet scientific, engineering, and graphic applications of today and of the future.

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 418i2-W Workstations are a great choice for applications that require an affordable yet powerful computing and graphics 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, 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 limited warranty. Next day and four hour on-site response options are available.

Specifications

Form Factor	Desktop / Tower, 17.24" x 21.5" x 6.81"
Operating Temperature	0°C to 55°C
Processor	Intel® Xeon® E3-1200 v5/v6 Processor Family, up to four cores
Socket	LGA 1151
Memory	Up to 64GB DDR4 ECC UDIMM 2133
I/O	2x USB 2.0 (front), 2x USB 3.0 (back), 2x USB 2.0 (back) 1x VGA (DB15), 1x serial port, 1x DisplayPort
PCIe	1x PCIe x16 Gen 3, 1x PCIe x8 Gen 3, 1x PCIe x4 Gen 3
M.2	1x SATA M.2 SSD internal slot, 2242
Drives	4 or 8 x 3.5" hot-swap drive bays 4 or 8 x 2.5" hot-swap drive bays
Maximum Storage	Up to 96TB with HW RAID
DVD Drive	DVD-RW, CD-RW
SW Raid	0,1,5,10
HW Raid	LSI® hardware RAID (optional)
Remote Management	Remote Management module (RMM) included
Trusted Platform Module	Trusted Platform Module (TPM) optional
Ethernet	2x 1GbE Ports
Input Voltage	100-127 V 8.8A 50/60 Hz 200-240 V 4.4A 50/60 Hz
Power Supply	Dual redundant hot-swap 460W AC power supplies
Graphics	NVIDIA® graphics card standard, other options available
Peripherals	Wireless keyboard and mouse
Monitor/s	27" LED Monitor standard (single or dual), Other monitors available,
Supported OS	Microsoft® Windows Server® 2012 R2, 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, CentOS™ 6,7, XenServer® 6.5-7.3, FreeBSD 11, more
Certifications	NRTL Nemko (US/Canada), CE (Europe), Ctick (Australia/NZ), GS (Germany), FCC (US), CSA, BSMI (Taiwan), GOST R (Russia), UkrTEST (Ukraine)

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