

Nfina 2216R Server



FEATURES:

- 2U rack-mount dual-socket server
- Choice of 2nd Generation Intel® Xeon® Scalable Processors
 - Platinum, Gold, Silver and Bronze available
 - 2.7GHz to 4.0GHz processor speeds available
 - Up to 28 cores per processor
- Up to 1TB total memory
- Supports Intel® Optane™ Persistent Memory
- 16 x 2.5" hot-swap SSD/HHD drive bays
- 1 x M.2 NVMe/SSD drive
- Up to 245.76TB storage
- 2 x 10GbE LAN ports
- 1 x Dedicated Mgmt. port
- Up to 11 PCIe slots
- Redundant hot-swap 1000W power supplies

The Nfina 2216R, equipped with 2nd Generation Intel® Xeon® Scalable Processors, is a high capacity server ideal as a flash array.

The Nfina 2216R is ideal for budget applications that require the optimized performance of the 2nd Generation Intel® Xeon® Scalable processors and agility of a flash array. This advanced storage and compute platform delivers exceptional quality and a lower cost of ownership, greatly reducing strain on your users and your finances.

For IT environments consisting of hyperconverged systems, virtualized environments, compute intensive applications, networking telephony, or surveillance, the 2216R server delivers on scalability, speed, and efficiency.

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 highdensity, 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.

Nfina Servers come with no adware, spyware, bloatware, or trackware.

HYBRID CLOUD SOLUTIONS
CYBER SECURE SERVERS
BACKUP & RAPID DR
DATA STORAGE

nfina
HYBRID ■ CLOUD SOLUTIONS

NFINA 2216R

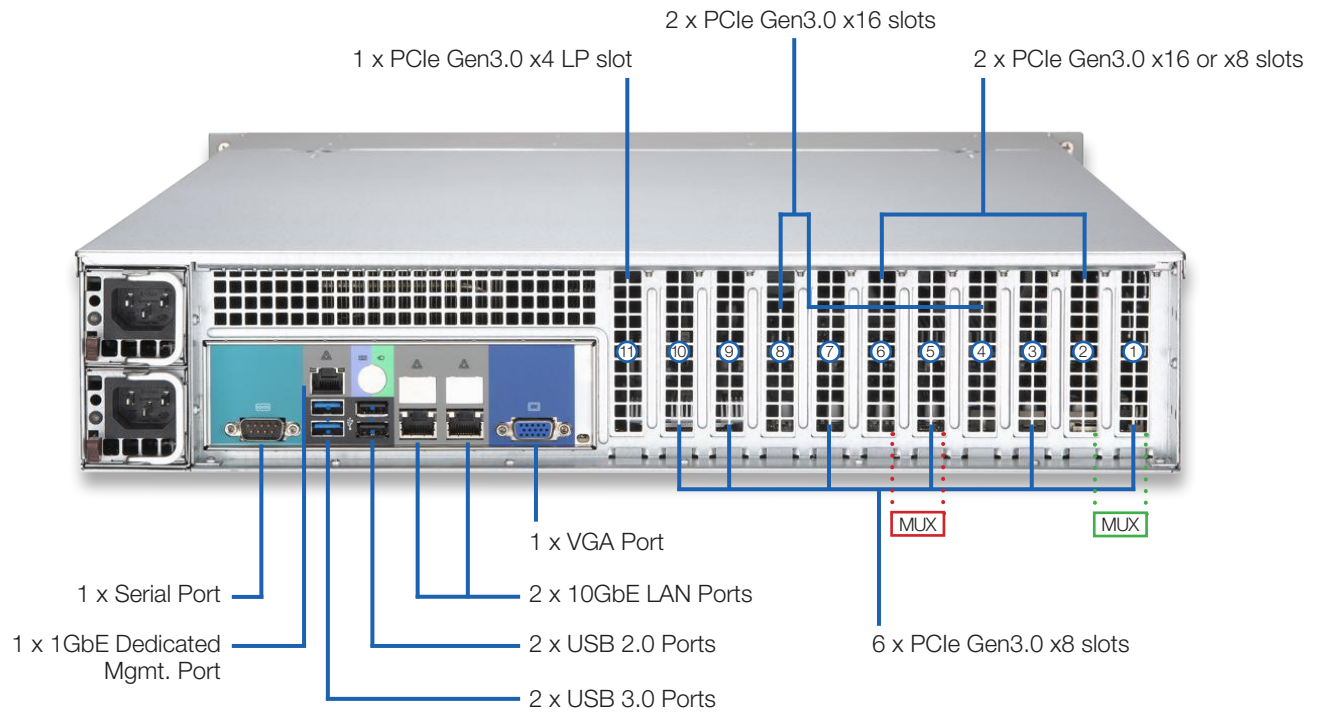
SPECIFICATIONS

Form Factor	2U rack-mount, 3.5" x 17.2" x 25.6"
Operating Temperature	10°C to 35°C (50°F to 95°F)
Processors	2nd Generation Intel® Xeon® Scalable Processors, up to 28 cores each
Processor Speed	Up to 2.7GHz to 4.0GHz
CPU Cache	Up to 39MB
Socket	Dual Socket P (LGA 3647)
Memory	16 DIMM slots, DDR4 ECC RDIMM/LRDIMM 2933 MHz 1TB Max memory capacity Intel® Optane™ DC Persistent Memory supported
Storage	16 x 2.5" hot-swap drive bays Supports: SSD and HDD drives 1 x internal M.2 NVMe/SSD (2280), PCIe (optional)
Optical Drive	1 x 5.25" Slim DVD, SATA drive (optional)
Maximum Storage	Up to 245.76TB, depending on drive type
Hardware RAID	Hardware RAID optional
Caching	Caching options available
Input Voltage	100-127V @ 7.5-9A, 50/60 Hz 200-240V @ 5-6A, 50/60 Hz
Power Supply	2 x hot-swap 1000W AC power supplies
Remote Management	IPMI 2.0, KVM over HTML5
TPM	Version 2.0, optional
OS Supported	Microsoft® Windows Server® 2019, 2022, Windows® 10 Pro/Enterprise, VMware® ESXi™ 6.0-7.0, Nfina-Store, Edge-Store™, Open-E® JovianDSS™ & DSS7, Red Hat® RHEL5,6,7x, SUSE® SLES 11,12, Ubuntu 14,15,16,17, CentOS™ 6,7, XenServer® 6.5-7.6, more options available
Certifications	UL or CSA Listed (USA and Canada), FCC Part 15 Subpart B (US), CE (Europe), EMC EN 55032:2012/AC:2013 (Class A), AS/NZS CISPR 32:2013 (Class A) (Australia), VCC 32-1/2016.11
Warranty	5 years

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SPECIFICATIONS

I/O	2 x USB 3.0 ports (rear) 2 x USB 2.0 ports (rear) 1 x serial port (rear)
Display	1 x VGA port (rear)
Ethernet	2 x 10GbE LAN ports (10/1000/10000) standard, other options available 1 x 1GbE (Dedicated management port)
PCIe® Slots	2 x PCIe Gen3 x16 (Low-Profile) 2 x PCIe Gen3 x16 ((Low-Profile) (or 4 x PCIe Gen3 x8 by MUX) 4 x PCIe Gen3 x8 (Low-Profile) 1 x PCIe Gen3 x4 (Low-Profile) (in x8 slot)



OTHER NFINA 2216R SOLUTIONS

STORAGE SOLUTIONS

2216R-NAS

The 2216R-NAS is ideal for budget applications that require the optimized performance of the 2nd Generation Intel® Xeon® Scalable processors and comes equipped with 16 SSD or HDD hot-swap drive bays. This advanced storage and compute platform delivers exceptional quality and a lower cost of ownership, greatly reducing strain on your users and your finances.

2216R-SAN

The 2216R-SAN dual nodes deliver high-performance, high iOPS, and low latency. This SAN is excellent for budget applications and comes equipped with 32 SSD or HDD hot-swap drive bays. It's the perfect candidate for an AFA with a wide variety of network and storage options.

HYPERCONVERGED SOLUTIONS

2216R-HA

The 2216R-HA is a dual node hyperconverged/high-availability model developed for budget conscious businesses in need of a high-availability solution with a large number of VMs, peak performance, and uptime. These dual-socket servers support up to 32 SSD or HDD drives. They provide a high level of security, redundancy, and fast data response times.

2216R-E

The 2216R-E single-node edge device is optimal for businesses that require a high amount of VMs, storage capacity, and more performance than mid-level models. This dual-socket server is an excellent solution that supports up to 16 SSD or HDD drives.

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