

Nfina 1404R Server



FEATURES:

- 1U rack-mount enclosure
- One 5th Generation Intel® Xeon® Scalable Processor
 - Gold and Silver available
 - 2.1GHz to 4.2GHz processor speeds available
 - Up to 28 cores
- 8 DIMM slots (DDR5 support)
 - Up to 2TB capacity
- 4 x 3.5" hot-swap drives
- 1 x M.2 NVMe slot
- 2 x 1GbE Ethernet ports
- 1 x Dedicated management port
- 3 x PCIe expansion slots
- Redundant 860W hot-swap power supplies

Nfina's 1404R server is a high-performance, budget-minded, versatile server

Featuring a 5th Gen Intel Xeon Scalable processor, up to 28 cores, memory capacity up to 2TB, and several PCIe expansion slots, the 1404R can be easily configured from a basic server suitable for a small office to a full featured High Availability server. The 1404R is ideal for businesses on a budget migrating from individual desktops to a on-premise server or virtualized environment.

The 1404R is also well suited for disaster recovery, backup, cloud computing, optimized data center, and IaaS applications.

Built with future support for Intel's upcoming 5th Generation Intel Xeon Scalable processors, this server allows you to upgrade your processor if desired.

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.

**HYPERCONVERGED
SAN STORAGE
HYBRID CLOUD
CLOUD HOSTING
BACKUP & RAPID DR**

nfina

NFINA 1404R

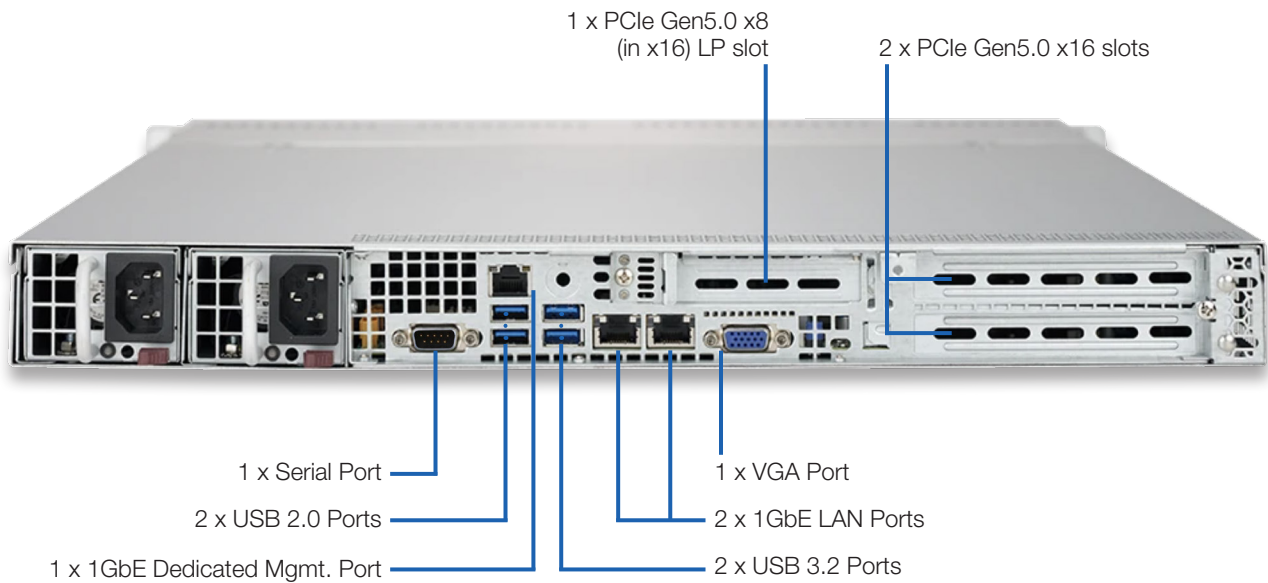
SPECIFICATIONS

Form Factor	1U rack-mount, 1.7" x 17.2" x 25.6"
Operating Temperature	10°C to 35°C (50°F to 95°F)
Processor	5th Generation Intel® Xeon® Scalable Processor Up to 28 cores, 56 threads, 185W max
Processor Speed	Up to 2.1GHz to 4.2GHz
CPU Cache	52.5MB
Socket	Single Socket E (LGA-4677)
Memory	8 DIMM slots, ECC DDR5 4800MHz 2TB Max memory capacity
Storage	4 x 3.5" hot-swap drive bays, standard (Supports 2.5" drives w/ adapters) 1 x M.2 NVMe (2280/22110), PCIe 3.0 x 2
Optical Drive	1 x Slim DVD, SATA drive (optional)
Software RAID	0, 1, 10, 5 support
Hardware RAID / Caching	Hardware RAID optional, Caching options available
Input Voltage	100-127V AC 50-60 Hz 200-240V AC 50-60 Hz
Power Supplies	Redundant hot-swap 860W power supplies
Remote Management	IPMI 2.0, KVM over LAN
TPM	Version 2.0, optional
OS Supported	Microsoft® Windows Server® 2022, VMware® ESXi™ 8.0, vSphere® 8.0, Nfina-Store™, Red Hat® RHEL, SUSE® SLES 15, Ubuntu 22.04, CentOS™ 8.5, Rocky Linux 8.6, Oracle Linux 9.0, more options available
Certifications	UL/CSA Listed (USA and Canada), FCC Class A/B (US), CE (Europe), RoHS (Europe), WEEE (Europe), REACH (Europe), VCCI (Japan), RCM (Australia), UKCA (UK), NRLT (USA), ICES (Canada), CB (USA)
Warranty	5 years

NFINA 1404R

SPECIFICATIONS

I/O	2 x USB 3.2 ports (rear) 2 x USB 2.0 ports (rear) 1 x Serial port (rear)
Display	1 x VGA port (rear)
Ethernet	2 x 1GbE (10/100/1000) LAN ports 1 x 1GbE (management port)
PCIe® Slots	2 x PCIe Gen5.0 x16 1 x PCIe Gen5.0 x8 (in x16) LP slot



OTHER NFINA NFINA 1404R SOLUTIONS

HYPERCONVERGED SOLUTION

1404R-E

Nfina's 1404R-E single-node server is a four-bay, rack-mount, entry-level model ideal for small businesses that require VMs for local and remote offices. This edge device uses Microsoft Windows Server 2022 or VMware ESXi platforms. The 1404R-E helps reduce bandwidth and build redundancy by putting your information processing closer to the edge where the data occurs.

HYBRID CLOUD EDGE-TO-CLOUD SOLUTION

1404R-HC

Nfina's 1404R-HC is a four-bay, rack-mount, entry-level model ideal for small businesses that require VMs for local and remote offices. Nfina's Hybrid Cloud solutions are the perfect alternative to the public hyperscale cloud, offering more benefits than the public cloud without the cost and complexity. Copies of your data are maintained on-site and at geo-redundant off-site locations. Nfina's Hybrid Cloud solutions make storage, compute, backup, disaster recovery, managed services, and system monitoring easy by becoming your single point of contact for the entire process.

Nfina's Hybrid Cloud products include easy and reliable backup and disaster recovery management tools. **Nfina Edge-Store™** and **Nfina-Store™** are management software designed to create and manage data storage pools. Snapshots created according to your desired frequency provide fool-proof on and off-site backup and disaster recovery protection. For added security, snapshots are encrypted during transmission with at-rest encryption available as an option. **Nfina-View™** software uses a unified management control pane to monitor your edge and cloud data storage pools. In the event of an outage or failure, Nfina-View allows you to quickly failover and run from your backups in minutes, not hours or days. If a ransomware attack occurs, your system is rolled back and restored from snapshots taken before the event occurred. Nfina-View also allows you to test your backups and failover procedures, assuring your IT systems are protected if an actual disaster occurs.

© 2024 Nfina Technologies, Inc. All rights reserved. Nfina-View™ and Edge-Store™ are trademarks of Nfina Technologies, Inc., Intel® and XEON® are registered trademarks of Intel Corporation. Other trademarks and trade names that may be used in this document are owned by their respective companies. Nfina believes the information in this document is accurate as of its publication date.

Nfina believes the information in this document is accurate as of its publication date. The information is subject to change without notice. The contents of this document are provided as-is, without any express or implied warranties of any kind.

Rev. 042524



Address: 820 S. University Blvd. Suite 4E, Mobile, AL 36609

Email: sales@nfina.com

Telephone: 251.243.0043

Website: www.nfina.com