Nfina 114E-TN Server

FEATURES:

- Mid-size tower, single socket
- Intel® Xeon® E-2300 Processor family
- 3.4GHz to 4.8GHz processor speed
- Up to 128GB memory
- 4 DIMM slots
- 4 x 3.5" or 2.5" fixed drive bays
- 1 x internal M.2 slot
- 1 x 5.25" DVD-ROM included
- Supports up to 48TB storage
- 2 x 1GbE LAN ports
- 1 x Dedicated RMM port
- 400W Gold Level Power Supply

The Nfina 114E-TN is a single socket, tower server ideal for budget applications.

The Nfina 114E-TN is a mid-size, tower server, with a single power supply, well suited for applications where budget is a primary consideration. With your choice of Intel processors and hefty memory capacity, this server can grow with your companies needs. The 114E-TN is ideal for small businesses migrating from individual desktops to a server environment.

Nfina's server solutions are ideal for any application that requires efficient, high speed, and highly reliable performance for big data applications. IT departments for enterprise, military, and municipal government will benefit from Nfina's outstanding value.

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

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HYBRID ■ CLOUD SOLUTIONS
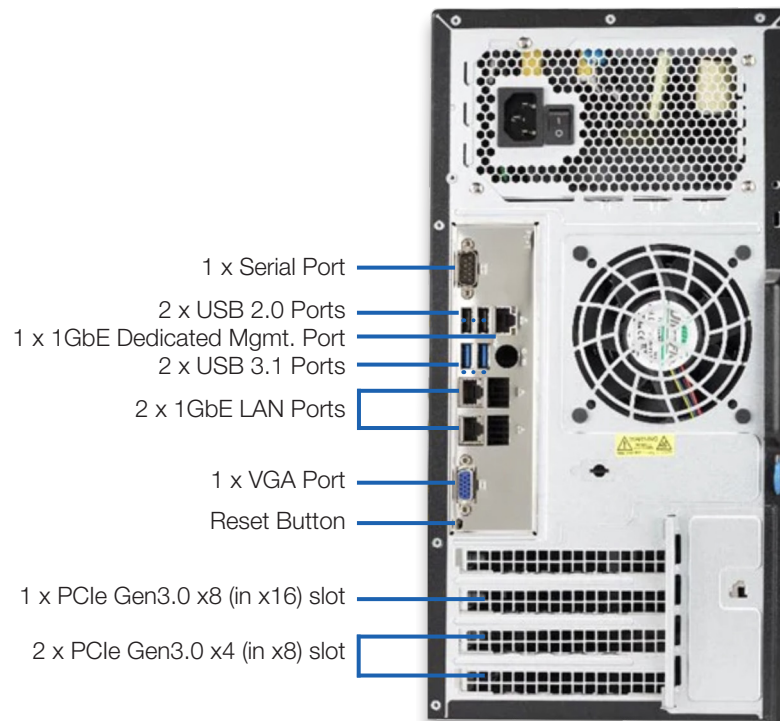
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SPECIFICATIONS

Form Factor	Mid-tower, 14.25" x 7.25" x 16.75"
Operating Temperature	10°C to 35°C (50°F to 95°F)
Processor	1 x Intel® Xeon® Processor E-2300, 6 cores, 8 threads
Processor Speed	Up to 3.4GHz to 4.8GHz
CPU Cache	Up to 12MB Intel® Smart Cache
Socket	Single Socket H4 (LGA 1151)
Memory	4 DIMM slots, DDR4 ECC 3200 MHz 128GB Max memory capacity
Storage	4 x 3.5" or 2.5" fixed SSD or HDD drive bays (2.5" requires adapter) 1 x internal M.2 NVMe/SSD drive (22110/2280), PCIe (optional)
Maximum Storage	Supports up to 64TB and 1 x 1TB M.2 SSD
Optical Drive	1 x 5.25" DVD-ROM SATA drive included, 24X DVD-RW
Software RAID	0, 1, 5, 10 support
Hardware RAID	Hardware RAID optional
Caching	Caching options available
Input Voltage	100-240V @ 3-6A 50/60 Hz
Power Supply	400W, 80 PLUS Gold Certified
Remote Management	IPMI 2.0, KVM over HTML5
TPM	Version 2.0, optional
OS Supported	Microsoft® Windows Server® 2016, 2019, Windows® 10, VMware® ESXi™ 6.5u1, 6.7u1, Nfina-Store, Edge-Store™, Open-E® JovianDSS™ & DSS7, Red Hat® RHEL 6.9-7.6, SUSE® SLES 12 SP3, Ubuntu 16x, CentOS™ 7.4, more options available
Certifications	CSA Listed (Canada & USA), FCC (US), CE Marking (Canada & Europe), FCC (USA),WEEE (Europe), RoHS Compliant
Warranty	5 years

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SPECIFICATIONS	
I/O	4 x USB 3.1 ports (2 front, 2 rear)
	2 x USB 2.0 ports (rear)
	1 x Serial port (rear)
Display	1 x VGA port (rear)
Ethernet	2 x 1GbE LAN ports standard, other options available
	1 x 1GbE (dedicated management port)
PCIe®	1 x PCIe Gen3.0 x8 (in x16) slot
	2 x PCIe Gen3.0 x4 (in x8) slot

1 x Serial Port
2 x USB 2.0 Ports
1 x 1GbE Dedicated Mgmt. Port
2 x USB 3.1 Ports
2 x 1GbE LAN Ports

1 x VGA Port
Reset Button

1 x PCIe Gen3.0 x8 (in x16) slot
2 x PCIe Gen3.0 x4 (in x8) slot

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OTHER NFINA 114E-TN SOLUTIONS

HYPERCONVERGED SOLUTIONS

114E-TN-E

Nfina 114E-TN-E is a four-bay mid-tower server, with a single power supply, well suited for applications where budget is a primary consideration. The 114E-TN-E is and entry level Hyperconverged solution ideal for small businesses migrating from individual desktops to a server environment requiring minimal VMs. Nfina Hyperconverged solutions put information processing (Data Entry, Storage, Compute, Point of Sale, or SMB's that need redundancy and built-in backup) closer to your edge applications.

HYBRID CLOUD EDGE-TO-CLOUD SOLUTIONS

114E-TN-HC

The 114E-TN-HC is a four-bay mid-tower Hybrid Cloud solution optimized for small companies that require minimal VMs,for local and remote offices and desire the footprint of a desktop unit. 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 makes 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.

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