

# Nfina Hyper-Edge™ 114E-TN



## FEATURES:

- Twin Mid-Tower Enclosure
- Intel® Xeon® Processors E-2300 Family
- 3.4GHz to 4.8GHz processor speed
- Optional Intel® UHD Graphics on processor w/ 4K and multi-display support
- Up to 128GB memory (per tower)
- 8 x 3.5" hot-swap drives (4 per chassis)
- 1 x 5.25" DVD-ROM included
- 4-way mirrored storage
- 2 x 1GbE and 4x 10GbE Ethernet ports (per tower)
- Choose OS; Microsoft® Windows Server® or VMware ESXi®
- Up to 6 VMs
- Nfina-View™ Monitoring Software included, provides failover recovery in minutes
- Nfina-Store™ 4TB or 8TB License
- Offsite data backup and cloud restoration available
- 5-year warranty with 24x7 Tech Support (other options avail.)

Nfina's Hyper-Edge delivers Intel performance, enhanced security, and reliable backup/DR without breaking the bank.

Expectations for speed and performance continue to expand while the demand for real-time from users and machines is multiplying. The Hyper-Edge™ 114E-TN 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. With Nfina powering your edge, you can improve security and compliance, achieve faster response times, create redundancy, reduce bandwidth, lower cost, and complement your existing cloud computing infrastructure.

Nfina's Hybrid Cloud solutions include easy and reliable backup and disaster recovery management tools. **Nfina-Store™** is management software used to create and manage data storage pools. Snapshots created according to your desired frequency provide full-proof on and off-site backup and disaster recovery protection. On-site storage can be on a local NAS or Edge device when running as a VM. Off-site storage, hosted in the Nfina Cloud, allows you to safely backup your on-premises products. Your data is encrypted before it crosses the wire and remains encrypted during transmission and while stored. Only your organization holds the encryption key. For added ransomware protection and recovery **Nfina-View™** software uses a unified management control pane to monitor your on-premises and cloud data storage pools. In the event of a catastrophic 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 restored from snapshots taken before the event occurred. Nfina-View also allows you to test failover procedures, assuring your IT systems are protected if an actual disaster occurs. Like all Nfina products, all software includes a five-year warranty and support.

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

**n-fina**  
HYBRID CLOUD SOLUTIONS

# NFINA Hyper-Edge™ 114E-TN

## SPECIFICATIONS

Form Factor	Twin mid-towers, 14.25" x 7.25" x 16.75" (per tower)
Operating Temperature	10°C to 35°C (50°F to 95°F)
Processors	Intel® Xeon® Processor E-2300, 4 cores, 8 threads (1 per tower)
Processor Speed	Up to 3.4GHz to 4.8GHz
CPU Cache	12MB Intel® Smart Cache (per processor)
Socket	Single Socket H4 (LGA 1151)
Memory	4 UDIMM slots, DDR4 ECC 3200 MHz (per tower) 128GB Max memory capacity (per tower)
Drives	4 x 3.5" or 2.5" fixed drives; SSD or HDD (per tower) Up to 2 x boot drives: 1 x M.2 NVMe/SSD (2280, 22110), PCIe (per tower) — <b>or</b> — 2 x 2.5" SATA SSDs (per tower) (cannot mix type)
Optical Drive	1 x 5.25" Slim DVD-ROM, SATA drive included (per tower)
I/O	4 x USB 3.1 ports (2 front, 2 rear) (per tower) 2 x USB 2.0 ports (rear) (per tower) 1 x Serial port (rear) (per tower)
Display	1 x VGA (rear) (per tower)
Ethernet	2 x 1GbE and 4 x 10GbE LAN ports (per tower) 1 x 1GbE LAN (dedicated management port) (per tower)
PCIe® Slots	1 x PCIe Gen3.0 x8 (in x16) slot (per tower) 2 x PCIe Gen3.0 x4 (in x8) slot (per tower)
Storage Controllers	Choose one: 1 x 9300-4i4e 12Gb/s Host Bus Adapter (per chassis) — <b>or</b> — 1 x 9380-4i4e 12Gb/s RAID w/ 2GB CacheVault (per chassis) (cannot mix type)
RAID	4-way mirroring
Remote Management	IPMI 2.0, KVM over HTML5
OS/Virtual Platform	Microsoft® Windows Server®, Up to 6 VMs VMware ESXi®, Up to 6 VMs
Software Options	Microsoft® Windows Server® 2019, Microsoft® SQL Server, Microsoft® Exchange Server VMware vSphere®, VMware vCenter® Nfina-View™ Monitoring Nfina-Store™ 4TB, Nfina-Store™ 8TB
Backup and Disaster Recovery	Nfina Cloud - Secure cloud based data backup (monthly subscription required) Nfina Restore - Data recovery from cloud storage (monthly subscription required)
Input Voltage	100-240V @ 3-6A 50/60 Hz
Power Supply	1 x 400W 80 Plus Gold Level Certified (per tower)
Certifications	CSA Listed (Canada & USA), FCC (US), CE Marking (Canada & Europe), FCC (USA), WEEE (Europe), RoHS Compliant
Warranty	5 years, Hardware and Software

© 2022 Nfina Technologies, Inc. All rights reserved. Hyper-Edge™, Nfina-View™, and Nfina-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. 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. 061622

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

**Telephone:** 251.243.0043

**Email:** sales@nfina.com

**Website:** www.nfina.com