

Nfina Hyper-Edge™ 114E-T



FEATURES:

- Twin Mid-Tower Enclosure
- Intel® Xeon® Processors E-2200 & E-2100 Family
- 4.0GHz to 4.9GHz 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
- Open-E® JovianDSS, storage pool mgmt. software w/ no single point of failure
- Nfina EdgeStore™ 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-T 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.

To ensure data security and retention, three backup and disaster recovery options are offered for our Edge products: **Nfina EdgeStore**, included with all Nfina Edge products, provides integration for local and offsite data backup and disaster recovery. Onsite storage can be on a local NAS or the Edge device, when running as a VM. Unlike many of our competitors, you can choose to store your offsite storage where you like; the cloud, colo, or with Nfina Cloud. **Nfina Cloud**, a cloud-based subscription service, allows you to safely back up your Edge and Hyperconverged 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. **Nfina Restore** allows you to quickly recover data in the event of a Server or Storage system catastrophic failure. Easily restore individual files, folders, VMs, or even an entire SAN from your cloud storage.

All Nfina Technologies' Edge products include a standard three-year warranty and 24x7 tech support with remote diagnostics.

SERVERS

DATA STORAGE

PCs & WORKSTATIONS



NFINA Hyper-Edge™ 114E-T

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-2200/E-2100, 6 cores, 12 threads (1 per tower)
Processor Speed	Up to 4.0GHz to 4.9GHz
CPU Cache	12MB Intel® Smart Cache (per processor)
Socket	Single Socket H4 (LGA 1151)
Memory	4 UDIMM slots, DDR4 ECC 2666 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) — or — 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) — or — 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 EdgeStore™ 4TB, Nfina EdgeStore™ 8TB — or — Open-E® JovianDSS (depending on desired usable capacity)
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 (Extended warranty, next day and four hour on site response options available.)

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