

Nfina Edge-Point™ 116R



FEATURES:

- 1U rack-mount, single-socket
- Intel® Xeon® Processor E-2200 & E-2100 Series
- Up to 3.4GHz to 5.0GHz processor speed
- 128GB max memory
- 4 x 3.5" hot-swap drives
- 4-way mirror storage
- 2 x 1GbE Ethernet ports standard
- Choose OS; Microsoft® Windows Server® or VMware ESXi®
- Up to 2 VMs
- EdgeView™, storage pool mgmt. software w/ no single point of failure
- Nfina EdgeStore™ 4TB
- Offsite data backup and cloud restoration available
- 5-year warranty with 24x7 Tech Support (other options avail.)

Nfina's Edge-Point™ 116R entry-level server provides up to 2 VMs using Microsoft Windows Server or VMware ESXi platforms

Expectations for speed and performance continue to expand while the demand for real-time from users and machines is multiplying. The Edge-Point™ 116R puts information processing (Data Entry, Storage, Compute, or Point of Sale) closer to your edge applications. With Nfina powering your Edge, you can improve security and compliance, achieve faster response times, create redundancy, reduce bandwidth, and complement your existing cloud computing infrastructure.

To ensure data security and retention, four software, backup and disaster recovery options are offered with our Edge-Point products: **EdgeStore** provides integration for local and offsite data backup and disaster recovery. Unlike many of our competitors, you can choose to store your offsite storage where you like; the cloud, colo, or with Nfina Cloud. **EdgeView**™ software uses a unified management control pane to monitor your Edge and cloud data storage pools. In the event of a catastrophic failure, EdgeView 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. EdgeView also allows you to test failover procedures, assuring your IT systems will be ready if an actual disaster occurs. **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.

SERVERS

DATA STORAGE

PCs & WORKSTATIONS

n-fina
EDGE SOLUTIONS

NFINA Edge-Point™ 116R

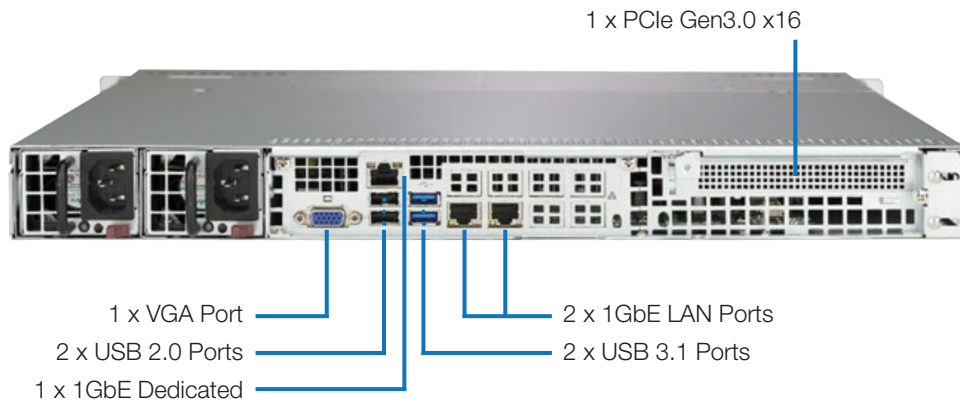
SPECIFICATIONS

Form Factor	1U short-depth, rack-mount enclosure, 1.7" x 17.2" x 19.85"
Operating Temperature	10°C to 35°C (50°F to 95°F)
Processors	1 x Intel® Xeon® Processor E-2200 & E-2100 Series, up to 8 cores & 16 threads
Processor Speed	Up to 3.4GHz to 5.0GHz
CPU Cache	Up to 16MB
Socket	Single Socket H4 (LGA 1151)
Memory	4 UDIMM slots, DDR4 ECC 2666 MHz 128GB Max memory capacity
Drives	4 x 3.5" or 2.5" hot-swap drives; SSD or HDD Up to 2 x boot drives: 2 x M.2 NVMe/SSD (2260, 2280, 22110), PCIe — or — 2 x 2.5" SSDs (cannot mix drive type) Add up to Seven 12 or 24 bay JBODs for additional storage
Storage Controller	1 x 9300-4i4e 12Gb/s Host Bus Adapter
Remote Management	IPMI 2.0, KVM over HTML5
TPM	Version 2.0, optional
OS/Virtual Platform	Microsoft® Windows Server®, Up to 2 VMs VMware ESXi®, Up to 2 VMs
Software Options	Microsoft® Windows Server® 2019, Microsoft® Windows 10 Pro, Microsoft® SQL Server, Microsoft® Exchange Server VMware vSphere®, VMware vCenter® Nfina EdgeStore™ 4TB
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 @ 3.0-6.0A, 50/60 Hz
Power Supplies	Redundant hot-swap 400W power supplies
Regulatory Certifications	UL/CSA Listed (USA and Canada), FCC Class A (US), CE (Europe), RoHS (Europe), WEEE (Europe), KC Mark (Korea)
Warranty	5 years

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SPECIFICATIONS

I/O	2 x USB 3.1 ports (rear) 2 x USB 2.0 ports (rear)
Display	1 x VGA port (rear)
Ethernet	2 x 1GbE LAN ports native Other LAN options avail.: Single, Dual or Quad, 1GbE to 100GbE, and Fibre Channel 1 x 1GbE (dedicated management port)
PCIe® Slot	1 x PCIe Gen3.0 x16



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