

Nfina 116R



FEATURES:

- 1U short-depth, rack-mount enclosure
- Intel® Xeon® Processor E-2200 & E-2100 Series
- Up to 3.4GHz to 5.0GHz processor speed
- Optional Intel® UHD Graphics on processor w/ 4K and multi-display support
- Supports up to 128GB memory
- 4 memory slots
- 4 x 3.5" hot-swap drives
- 2 x M.2 NVMe slots, PCIe
- Supports up to 48TB storage
- 12Gb/s SAS capable
- 2 x 1GbE Ethernet ports
- 1 x Dedicated IPMI LAN port
- Redundant hot-swap power supplies

The Nfina 116R is a 1U short-depth, rack-mount server ideal for small business, budget applications.

The Nfina 116R is a rack server well suited for applications where budget is a primary consideration. With a choice of Intel Xeon E-2200/E-2100 processors, up to six drives, and memory capacity up to 128GB, this server offers flexibility and growth for small businesses. The 116R can be used as a general purpose server or for web hosting and security applications. The 116R is ideal for a small business migrating from individual desktops to a server environment.

Our designs and components are manufactured to the highest quality standards in the industry for use in the most demanding 24/7 data center and enterprise applications.

Nfina's server solutions are ideal for any data center or enterprise that requires efficient, high speed, and highly reliable performance for big data applications.

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 include a five-year warranty and 24x7 tech support with remote diagnostics. Next day and four hour onsite response options are available.

SERVERS

DATA STORAGE

PCs & WORKSTATIONS



NFINA 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)
Processor	Intel® Xeon® Processor E-2200 & E-2100 Series, 8 cores, 16 threads
Processor Speed	Up to 3.4GHz to 5.0GHz
Integrated Processor Graphics	Optional Intel® UHD Graphics w/ 4K support, multi-display support
CPU Cache	16MB
Socket	Single Socket H4 (LGA 1151)
Memory	4 DIMM slots, DDR4 ECC 2666 MHz 128GB Max memory capacity
I/O	2 x USB 3.1 ports (rear) 2 x USB 2.0 ports (rear) 1 x VGA port (rear)
Ethernet	2 x 1GbE (10/100/1000) LAN ports, other options available 1 x 1GbE (management port)
PCIe®	1 x PCIe Gen3.0 x16 slot
Storage	4 x 3.5" hot-swap drive bays, standard (Supports 2.5" drives w/ adapters) 2 x internal M.2 NVMe connectors, PCIe Gen3.0 x4 (2280/22110)
Optical Drive	1 x Slim DVD-ROM, SATA drive (optional)
Maximum Storage	Supports up to 48TB and 2 x 1TB M.2 SSDs
Software RAID	0, 1, 10, 5 support
Hardware RAID / Caching	LSI® Hardware RAID optional, Caching options available
Input Voltage	100-240V @ 3.0-6.0A, 50/60 Hz
Power Supplies	Redundant hot-swap 400W power supplies
Remote Management	IPMI 2.0, KVM over HTML5
TPM	Version 2.0, optional
OS Supported	Microsoft® Windows Server® 2016, 2019, Windows® 10, Microsoft® Hyper-V Server 2016, VMware® ESXi™ 6.5, Open-E® JovianDSS™ & DSS7, Red Hat® RHEL 6, 7.2-7.5, SUSE® SLES 11,12, Ubuntu 17,18x, CentOS™ 7.4, 7.5, XenServer® 7.4, more options available
Certifications	UL/CSA Listed (USA and Canada), FCC Class A (US), CE (Europe), RoHS (Europe), WEEE (Europe)
Warranty	5 years

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