RT3000
RT7000

The Nfina™ RT3000 and RT7000 Real-time Hypervisor Industrial Fault Tolerant Solution

Features:

- Real-Time hypervisor
- Fault tolerance AND high availability
- Easy to use web-based interface
- No advanced IT skills required to maintain SW
- Includes Stratus® everRun® Enterprise software
- Prevents downtime, protects data
- Seamless/bumpless failover
- No single point of failure
- Requires no separate virtualization product
- Master-Slave configuration
- Comprehensive monitoring and notification
- No changes to existing applications
- Choice of storage options
- Windows® and Linux® OS support

99% uptime vs. 99.999% uptime
For this example, one hour of downtime = $1000

	Hours down	Cost / Hour	Total cost
99% uptime	87	$1000	$87,000
99.999% uptime	.0905	$1000	$90.50
SAVINGS			**$86,909.50**

What happens to your business when a server running critical applications fails? Often it means IT gets a call, and someone is dispatched to repair or replace the failed equipment. It means minutes or more of downtime to replace the failed equipment. The result could be lost data. Lost production. Until now.

With Nfina's RT3000 and RT7000 products, applications co-exist on two servers - one being active and the other is in standby. In the event of a failure the standby server takes over in less than a millisecond. The result is not merely the minimization of downtime – it is effectively the **elimination of downtime** – as well as the lost data, and lost revenue that accompanies downtime.

The Nfina RT series products provide remarkable ease of use, configuration, and maintenance. Until now, fault tolerant IT solutions have been so complex that only highly trained IT personnel could understand, operate, and troubleshoot them. Stratus® everRun® Enterprise software running on Nfina's rock-solid servers uses a simple graphical user interface that is intuitive and quickly mastered by anyone. The robust monitoring and notification capabilities of Nfina's RT products assures that hardware issues will be easily and quickly diagnosed and corrected without getting expensive IT personnel involved.

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Specifications: (per unit)

Form Factor	Two 1U or 2U rack-mount servers
Operating Temperature	10ºC to 35ºC
Processor	Intel® Xeon® Processors E5-2600 v4 Family
Socket	R3, Dual Sockets in each server
Memory	Up to 768GB DDR4 ECC RDIMM (per chassis) speeds of up to 2400
I/O - 3000	Eight USB and two serial ports (per chassis)
I/O - 7000	Five USB and two serial ports (per chassis)
PCIe 3000 (per chassis)	Two PCIe x16 Gen3 (Dependent on CPU configuration)
PCIe 7000 (per chassis)	Four PCIe x16 Gen3 (Dependent on CPU configuration)
Storage	Choice of 4 or 12 x 3.5" hot-swap redundant drive bays
Maximum Capacity (3000)	Up to 32TB Usable, dependent upon drive technology
Maximum Capacity (7000)	Up to 96TB Usable, dependent upon drive technology
Hardware RAID	LSI® Hardware RAID included
Caching	SSD caching options included
Ethernet	2 per chassis, 1GbE or 10GbE depending on model. Other interface options available via PCIe
Input Voltage (3000)	100-127 V 8.5A 50/60 Hz 200-240 V 4.3A 50/60 Hz
Input Voltage (7000)	100-127 V 8.8A 50/60 Hz 200-240 V 4.4A 50/60 Hz
Power Supply	Redundant hot-swap power supplies

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