

# RM1220 Server

1U HIGH PERFORMANCE SOLUTION



**FEATURES AT A GLANCE**

- Two Quad-Core Intel® Xeon® 5300 Series Processors
- Intel I/O Acceleration Technology
- Intel® Virtualization Technology
- More Performance with Less Power Consumption



## PRODUCT OVERVIEW

Ideal for power/thermally challenged environments, you will experience new levels of performance with the RM1220 server from Verari Systems®. Leveraging the power of the Quad-Core Intel® Xeon® 5300 processors, enterprise customers can now run applications at an unprecedented performance per watt. The rugged 1U chassis allows the ability to house numerous hard drive options and up to 32GB of quad channel DDR2 fully buffered memory. With faster processors, Intel I/O acceleration and Intel Virtualization Technology, the RM1220 is the ideal solution for a full range of enterprise applications.

The quad-core processor design harnesses the performance of the latest Intel S5000 chipset and offers an enterprise class server in a dense 1U form factor.

The Verari Systems RM1220 features two Quad-Core Intel Xeon 5300 series processors and is available with over 2TB of local SATA storage. It supports the latest operating systems including Microsoft® Windows® 2003 Server, SUSE Linux and Red Hat® Linux.

## CUSTOM CONFIGURATIONS

Verari Systems supports multiple configurations and can tailor any system to your specific needs. If you have questions, please contact us today at (888) 942-3800 and ask to speak with a Verari Systems Account Manager.

## ABOUT VERARI SYSTEMS

Verari Systems, Inc. is the premier developer of energy efficient data center and desktop consolidation platforms utilizing independent blade-based compute and storage solutions that are defining a new era in the green data center. Verari Systems is a market leader in blade storage and energy efficient platforms. Organizations such as Wachovia, Akamai, Microsoft, Qualcomm, CCGVeritas, Harris, Lockheed Martin, Northrop Grumman, and Sony Imageworks, as well as top universities and research institutions worldwide, are among the customers who have chosen Verari Systems' line of award-winning high density blade storage and servers, rack-optimized platforms and software solutions.

## Specifications

### Processor

Options Include Two of the Following:

- Dual-Core Intel® Xeon® Processor 5100 Series (up to 3.0GHz)
- Quad-Core Intel Xeon Processor 5300 Series (up to 2.66GHz)

### Chipset

- Intel S5000 Chipset

### Memory

- Supports up to 32GB DDR2-667 ECC Registered Memory
- Eight FBDIMM Sockets

### Storage

Available in SATA Configurations

- Up to Three Removable Enterprise SATA Hard Drives

### Power

- 500W Fixed Power Supply

### Operating Systems

- Microsoft® Windows® Server 2003
- Red Hat® Enterprise Linux 4.0 x86-64
- SUSE Linux Enterprise 9 x86-64
- CentOS 4.1 x86-64
- Fedora Core 4 x86-64

### Optical Drive (optional)

- Slim DVD-ROM Drive

### Front Panel

Buttons

- Power/Sleep
- System ID
- System Reset
- NMI (recessed)

LEDs

- (2) NIC Activity
- Power/Sleep
- System Status
- HDD Activity
- System ID

### Networking

- Two Intel Pro/1000MT Server Network Connections
- Intel 82541PI Network Controller

### Rear Panel

- Two USB 2.0 Ports
- One RJ-45 Serial Port
- One 15-pin VGA Port
- Two RJ-45 Gigabit Ethernet Ports
- Two PS/2 Ports

### Integrated PCI Graphics

- ATI ES1000 Chipset
- 16MB Video Memory

### Expansion Slots

- One Full Height PCI-X 133 or PCI Express x8 Slot

### Dimensions and Weight

- Height 43mm (1.75 in.)
- Width 430mm (16.93 in.)
- Depth 672mm (26.46 in.)
- Weight 14Kg (29 lbs.)

### Environmental

- Operating Temperature 10°C to 35°C (50°F to 95°F)
- Storage Temperature -40°C to 70°C (-40°F to 158°F)

### Front View



### Rear View



### Interior View



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