

Key Features

- Only 1.75" High (1U)
- Screaming Performance
- Ideal for Scientific & Vector Processing Applications
- Two Intel Quad-Core S5400 Xeon Series Processors
- 12MB Processor Cache
- Up to 64GB ECC Memory
- 600w EPS-12v PFC Power Supply
- Intel Remote Management Module
- Two 1000T Ethernet Ports
- Three 3.5" SATA/SAS Hot Swap Drives
- Full Length, Full Height Expansion Slot
- Windows Server & Linux Ready

Contact Us

call us at [1.877.296.4927](tel:1.877.296.4927)
or e-mail us at info@acc-sd.com

Product Overview

The RM1004 Flash 1U Rack Mountable Server line offers extreme performance value, using Intel's latest line of Quad-Core Xeon S5400 Series processor technology. With up to 64GB of system memory and two 1000T



Ethernet ports, the RM1004 is well suited for the most processor intensive application environments where performance is required. In addition, the RM1004 features three front removable, hot swappable high performance SAS drives totaling up to 3 TB of data space that can be configured as raw space or intelligently in several RAID environments. And because Applied Control Concepts uses Intel branded architecture, there are several operating system environments to choose from, including Microsoft Server solutions, several distributions of Linux and virtualization solutions from top software manufacturers such as VMWare.

The RM1004 Flash standard rack mountable form factor is based on industry standards allowing for ease of installation within existing equipment both onsite or at your co-location facility. And with the single 400w power supply, you'll have just enough to power to manage your applications and optional add-in full-length card without breaking your power budget.

Solutions & Applications

The RM1004 Flash is ideally suited for the highest performing enterprise applications in a multi-user environment, or where performance is important in a multi-system solution. Typical solutions might include:

- HPC Clustering Solutions
- Microsoft Exchange Server (large user count with heavy loads)
- Application specific server appliances such as heavy system load balancing over several servers
- Medical Imaging or Video Servers
- High End Workstation
- Enterprise Storage Server
- Large front end database servers that manage separate data storage solutions
- Custom applications where performance is the most important criteria

Since we use exclusively Intel branded architecture, the RM1004 provides you with quality, long lasting value and growth to exceed your expectations for the enterprise.

Specifications

Processor	Quad Core Xeon E5440 2.83GHz, 1333 Bus, 12M Cache Quad Core Xeon X5410 2.33GHz, 1333 Bus, 12M Cache	Front Panel Indicators	Power, System Status LED Chassis ID (for service)
Chipset	Intel 5400SF Series Chipset	Networking	Two 1000T Ethernet ports
Memory	64GB ECC FBDIMMS DDR2 @ 667, 800MHz (16 Dimms)	Rear Panel I/O	Two RJ-45 1000T Ethernet Ports, Two USB 2.0 Ports One 15 pin VGA Port, Two PS/2 Ports, One RJ-45 RS232
Storage		Integrated Graphics	ATI* ES1000 PCI graphics accelerator, with 32MB of video DDR DRAM
External	Three 3.5" Hot Swap Drives	Expansion Slots	One PCI Express* Gen 2 riser card with one x16 PCIe* slot
Internal	n/a	Dimensions (W x D x H)	482.6w x 740.8d x 44.4h 19w x 29d x 1.75h
Power	600w EPS-12V PFC non-redundant power supply	Weight	20.3 kgs/ 44.8 lbs
Cooling	Five non-redundant dual rotor high speed managed system fans	Environmental	
Operating System	Microsoft Windows Server 2003 Red Hat Enterprise Linux 4.0 x86-64 SUSE Linux Enterprise 9 x86-64	Operating Temperature10°C (50°F) to +35°C(95°F)
Front Panel Buttons	Power on/off, System reset, USB port	Humidity20-90% at 40°C (104°F)

Front Panel



Back Panel



Overhead View



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