The emphasis is on— *performance!*

A powerful and reliable performance server with tremendous storage capability, and support for Microsoft's Windows® Server 2008— that's the new Howard™ S4008. Powered by Intel's Xeon® Quad-Core 5400 Series processors, and featuring 8 hot-swappable SAS hard drives with a 2.4TB capacity, up to 48GB of DDR2 ECC memory, and configurable RAID, the S4008 provides a solid foundation on which to build or expand your business. Available in pedestal or 4U rackmount configurations, this versatile server efficiently handles e-mail and database applications, network applications, back-up and domain applications, and— it's fast! When performance matters, make it the Howard™ S4008.

Howard Computers recommends genuine Microsoft® Windows® Server 2003.

The Howard Advantage!

With every Howard product purchase, you receive the following for **FREE**!

- ✓ Phone and web tech support for the LIFE of your system
- ✓ 100% US-based, English-speaking customer support 24/7/365
- ✓ Phone hold times < 1 minute

*Experience the **Howard difference**.*

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Feature	Description
CPU	• Supports 2x Intel® Xeon® 5400/5300/5100/5000 series processors • 667/1066/1333MHz FSB • Intel® 5100 chipset
System memory	• Support for up to 48GB of PC2-4200 or PC2-5300 (6x DIMM sockets on system board) • Registered ECC memory
Storage	• Integrated Dual Intel® ICH9R Southbridge for SATA RAID 0/1/5/10 • Add-in LSI MegaRAID 8208ELP 8-port for SAS RAID 0/1/5/10 • 3x 5.25" bays for optical drive and floppy options • Support for up to 8x 300GB 15K SAS hard drives
Graphics	• Integrated XGI Z9s Graphics with 32MB DDR2 memory
I/O slots	• 1x PCIe x16, 1x PCIe x8, 1x PCIe x4 slot and 1x PCI slots
I/O ports	• Rear panel: USB 2.0: 6, VGA: 1, gigabit ethernet: 2, console port: 1, audio port: 6, PS/2 ports for keyboard and mouse: 2 • Front panel: USB 2.0: 2
Networking	• Intel® 82576L Dual-port PCI Express® gigabit controller
Power supply	• Simple 650 watt or triple redundant 760 watt power supply
Chassis	• Pedestal/ 4U rack mount • 7" (H) x 17.1" (W) x 25.5" (L) • 6 fans for internal temperature control

HOWARD™
TECHNOLOGY SOLUTIONS

*Experience the **Howard advantage.***

Servers - Howard's S4008

What are your needs?	Yes	No
Easy to set-up & configure	•	
Recommended for entry-level		•
Easy to upgrade as user's need to expand	•	
Ideal database server	•	
Great for email, file, print, and internet	•	
Ideal for multi-site VoIP applications	•	
Removable storage device	•	
Optional internal tape drive	•	
Rack mountable server	•	
Pedestal server	•	
Processor-intense applications	•	
Vast internal storage	•	
Embedded RAID 0, 1, 5	•	
Serial ATA hard drives	•	
Hot-swappable SAS hard drives	•	
Xeon 5400/5300/5100/5000 series 667/1066/1333MHz FSB	•	
Xeon 3300/3200/3000 series 533/800/1066/1333MHz FSB		•
Includes LIFETIME support via phone & web	•	
Howard warranties apply	•	

Q: Does this system replace another Howard product?

A: The S4008 replaces the I4008; however, we will continue to provide FREE phone and web support for the I4008 to the original purchaser for the life of the system.

Q: Can this server support an office of 10-15 employees?

A: Easily– with room to expand even further, as needed.

Q: Does this server support the Windows® Server 2008 operating system?

A: Yes, it supports the Windows® Server 2008 32/64 Bit Standard Edition or Enterprise Edition with or without Hyper-V, and the Windows® Server 2008 32/64 Bit Web Edition. Be aware that 32 bit operating systems only support up to 4GB of memory, while 64 bit operating systems can support up to 32GB of memory.

Q: What is Hyper-V Server?

A: Hyper-V Server is a hypervisor-based virtualization technology for use on 64-bit systems offered by Microsoft. It allows single physical servers to virtualize hardware resources to create fully functional virtual machines that can run their own operating systems and applications just like a physical computer.

Q: How will this product be supported?

A: This product will be supported by Howard's 100% US-based team of experts FREE of charge to the original purchaser for the life of the system. The Howard support team is available 24 hours a day, 7 days a week online at http://www.howardcomputers.com/support, by phone at 1.888.323.3151, by email at tech@howardcomputers.com, or by conventional mail at Howard Technology Solutions, 36 Howard Drive, Ellisville Mississippi 39437.

Experience the Howard advantage.

Product Upgrades

Enhance your purchase with any or all of the following products or services. And feel free to contact us toll free at 888-912-3151 to discuss any questions or your specific needs!

- Additional memory
- Anti-virus software
- Back-up devices
- SCSI hard drive
- Technical management services

Warranty & Support

- Howard Technology Solutions' standard warranties apply.
- **FREE** customer and technical support to purchaser via telephone or web for the life of the system.
- Expedite your troubleshooting process by participating in our Howard Technical Partnership Program (HTPP) which certifies your staff to perform basic hardware service and support. Contact us today for more information.

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TECHNOLOGY SOLUTIONS

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Buy online at www.Howard.com or call us at 888.912.3151.