

A 1 U form factor built to perform your network needs.

Howard Computers' **NX100** is an **Intel® Xeon® 3000 Series** based server in a 1U form factor. This system is a powerhouse in a small package. It features the **Intel® Xeon 3000 chipset** and **Intel® Pentium® D, Pentium® 4, or Celeron® D** processors with a maximum of 8GB of PC2-4200 memory for plenty of reliable speed. This server is a breeze to install, setup, and comes with free web and phone tech support for the life of the system. This system features genuine **Microsoft® Windows® Server 2003** and a powerful integrated graphics solution.



Howard NX100

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
- ✓ Reliable disaster recovery software

Experience the **Howard difference**.



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Feature	Description
Chipset	Intel® Xeon 3000 chipset
Processor Options	Supports 1 Intel® Xeon® 3000, Pentium D, Pentium 4, or Celeron D series processors, 1066 / 800 / 533 MHz front side bus
System Memory	Up to 8 GB of PC2-4200
Hard Drive	Integrated Intel® ICH7R Southbridge RAID 0/1 1x Slim line bay for optical drive or alternative device 1x 3.5" external bays for 1.44 MB floppy drive or alternative device Support for 2x SATA / SAS hard drives
Graphics	Integrated ATI® ES1000 16MB
I/O Slots	1x 64 bit 133 MHz PCI-X
I/O Ports	Rear Panel: VGA:1, Console Port: 1, Gigabit Ethernet: 2, PS/2 ports for keyboard and mouse: 2, USB 2.0 / 1.1: 2
Network	Intel® PCI Express® gigabit controller
Power Supply	Single 300 watt power supply
Dimensions	1 U form factor: 1.7" (H) x 16.8" (W) x 22.6" (L)

What are your needs?	Yes	No
Easy to set-up & configure	•	
Recommended for entry-level	•	
Ideal database server		•
Great for email, file, print & internet	•	
Ideal for multi-site telephony (VoIP) applications	•	
Removable storage device		•
Optional internal tape drive		•
Rack mountable server	•	
Pedestal server		•
Processor-intensive applications	•	
Vast internal storage		•
Embedded RAID 0,1	•	
Hot-swappable serial ATA hard drives	•	
Xeon 3000 series 533/800/1066 FSB	•	
Xeon 5000/5100 series 667/1066/1333 FSB		•
Includes Lifetime support	•	

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

A: Yes. These systems were developed to feature rich applications and to support a larger user installation base.

Q: Is this server replacing another Howard model?

A: No. This is a completely new entry level Intel® Xeon® 3000 based series.

Q: Can this server handle Voice over IP applications and performance requirements?

A: Yes. Even modestly configured versions with a single Intel® dual-core processor, 4 GB memory, and a RAID 1 configuration can handle 1,000 + users.

Q: What is Dual-Core?

A: Dual-Core is the process of taking a single piece of silicon and placing two processor cores or “brains” on it. This effectively gives you dual processor configuration in a single package.

Q: Why such a long lead time?

A: Simply put — because we custom build each system once ordered and then thoroughly test it to ensure it will meet and / or exceed our customer expectations.

Q: Does Howard Computers offer installation services?

A: Yes. Howard Computers has a Network Services Group that can do installation of systems as well as network security analysis and other technical services.

Q: Whom should I contact for support?

A: Call Howard Computers for world-class support and service if there are any questions about the server. Customer support is available online at <http://www.howardcomputers.com/support>, through phone at 1.888.323.3151, by email at tech@howardcomputers.com or by traditional mail at Howard Computers, 580 Eastview Dr., Laurel, MS 39443.

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
- Technical management services

Warranty & Support

- Howard Computers’ 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.