Volume 64-bit computing is here... is your business READY?

AMD Opteron™ Processor-Based Server Evaluation Program

AMD Opteron™ Processor Development Platform - Based on the Newisys™ design. For the first time, servers based on the AMD Opteron™ processor are available for review. This early technology program enables customers to purchase access to pre-production AMD Opteron™ processors within the robust Newisys 1U 2P design, enabling server availability through select channel partners.

The Newisys 1U 2P AMD Opteron™ processor-based server features:

Performance and Compatibility for the Enterprise

- High performance server solution for 32-bit and 64-bit enterprise applications
- Balanced server design with robust I/O to match the server's processor capability and deliver compelling real workload performance

Superior System & Power Management Tools

- 100% lights out remote management with a choice of management interfaces: secure web-based GUI, secure command line interface or SNMP integration
- Comprehensive suite of environmental, power, hardware, and BIOS/OS management features

AMD Opteron™ Processor

The AMD Opteron™ processor enables you to easily transition to 64-bit computing at your desired pace without sacrificing 32-bit performance. You can rely on AMD Opteron™ processors to help provide a seamless integration with 64-bit applications, and you can be assured your servers will run smoothly today and tomorrow. The AMD Opteron™ processor is scheduled to be available in the first half of 2003. For more information, please visit **www.amd.com/opteron**.

About Newisys

Newisys, a world-class team with decades of server industry experience, has harnessed the power of the AMD Opteron™ processor to deliver a better platform choice for Windows® and Linux server environments. The team has developed a robust family of server designs for the most demanding corporate server environment; featuring superior system management, power management and modular scalability.

AMD Opteron™ Processor Development Platform based on the Newisys design.

For information, please visit www.newisys.com/evaluation

AMD Opteron™ Processor-Based Server Evaluation Program

CONFIGURATIONS

The AMD Opteron™ Processor-Based Server Evaluation Program units are available in two (2) configurations, depending on your testing needs.

Configuration A

Computational and Database Servers

CPU	Two (2) AMD Opteron™ processors
Memory	8 x 1 GB PC2100 DDR SDRAM
HDD	1 x 36 GB 15K RPM U320 SCSI HDD

Configuration B

Edge of Network Servers

CPU	Two (2) AMD Opteron™ processors
Memory	4 x 512 MB PC2100 DDR SDRAM
HDD	1 x 36 GB 15K RPM U320 SCSI HDD

Both configurations are equipped with:

SCSI Controller	Embedded U320 controller with integrated mirroring support
Network I/O	Dual embedded Gigabit Ethernet
PCI I/O	Two (2) PCI-X expansion slots: 1 full length 133 MHz/64-bit, 1 half length 66 MHz/64-bit
Other I/O	Internal CD-ROM & Floppy drives Embedded SVGA video, serial, keyboard & mouse connectors
Management	Service processor running embedded Web server and SSL encryption for secure web-based management from anywhere and dedicated 10/100 Ethernet connection to a management network.

Availability

The AMD Opteron™ processor-based server evaluation systems are scheduled to be available in February 2003. For more information about this program or to see a list of authorized Program System Builders, please visit **www.newisys.com/evaluation**

Disclaimers

The AMD Opteron™ Processor-Based Server Evaluation units are engineering units only and do not represent final hardware, processors or chipsets. Units do not include operating systems or software. Units have no final agency certifications. Limited quantities available.

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