Maximum performance and density at an affordable price for memory-intensive applications

IBM

IBM *@server* **326**

Highlights

■ *Delivers unparalleled price/ performance for 32-bit and 64-bit high-performance computing applications*

■ *Enabled with IBM Xtended Design Architecture™ features for robust performance*

■ *Features integrated System Management Processor for maximum solution control*

Superior performance, affordable price
The IBM *@server*® 326, featuring AMD Opteron™ processors, packs impressive computing power in a 1U rack-optimized design. Accommodating compute-intensive applications, this server is ideal for customers requiring large memory addressability with an easy migration path to 64-bit computing at an affordable price.

The AMD Opteron architecture uses an integrated memory controller and inno- vative HyperTransport™ technology to provide memory access and substantial I/O bandwidth at the speed of the processor. By reducing or eliminating many major bottlenecks, the e326 delivers high memory bandwidth for large data set applications with exceptional performance.

IBM Xtended Design Architecture
With IBM Xtended Design Architecture, the e326 combines innovation with industry standards to provide cus- tomers affordable performance-opti- mized solutions. Enhancements such as 16GB of maximum memory and faster I/O capability deliver exceptional performance. Availability features such as hot-swap SCSI and integrated RAID-1 provide high data access and increased uptime so customers can run their servers with confidence.

Flexible management options
The e326 comes standard with an inte- grated IPMI 1.5-compliant System Management Processor to manage your servers. Standard features such as remote power control using rich secu- rity, text console redirect over serial or LAN, and unattended install help man- age your workloads and maximize uptime. These features and other sys- tem capabilities can be supported and managed easily with IBM Director software.

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to buy direct or to locate an IBM reseller

e326 at a glance

Form Factor	Rack/1U
Processor	AMD Opteron™ processor 246, 248 and 250
Number of processors (std/max)	1/2
Cache (max)	1MB
Memory[1] (std/max)	2 x 512MB/8GB PC3200 ECC DDR SDRAM Chipkill™ or up to 16GB PC2700 ECC DDR SDRAM Chipkill
Expansion Slots	2 (64-bit/133MHz/100MHz)
Disk bays (total/hot-swap)	2/2
Maximum internal storage[1,2]	293.6GB Ultra320 SCSI/320GB SATA
Network	Dual integrated 10/100/1000 Ethernet
Power supply (std/max)	411W 1/1
Hot-swap components	Hard disk drives
RAID support	Integrated RAID-1 standard (SCSI model only)
Systems management	Integrated System Management Processor, Cluster Systems Management, IBM Director
Operating systems supported	Microsoft® Windows® Server 2003, Red Hat® Linux® or SUSE LINUX
Limited warranty[3]	1-year onsite limited warranty

For more information

World Wide Web

U.S.	**ibm.com**/eserver/326
Canada	**ibm.com**/pc/ca/eserver/opteron/index.shtml

IBM @server Cluster 1350

ibm.com/servers/eserver/clusters/hardware/1350.html

Buy Direct

U.S.	1 888 SHOP IBM
Canada	1 888 SHOP IBM

Reseller locator and generation information

U.S.	1 800 426-4968
Canada	1 800 426-2255

[1] Maximum internal hard disk and memory capacities may require the replacement of any standard hard drives and/or memory and the population of all hard disk bays and memory slots with the largest currently supported drives available.

[2] When referring to storage capacity, GB = 1,000,000,000 bytes. Accessible capacity is less.

[3] **Visit ibm.com**/pc/safecomputing **periodically for the latest information on safe and effective computing.** Warranty Information: For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, N.C. 27709, Attn: Dept. JDJA/B203. IBM makes no representation or warranty regarding third-party products or services including those designated as ServerProven® or ClusterProven®.

Telephone support may be subject to additional charges. For onsite labor, IBM will attempt to diagnose and resolve the problem remotely before sending a technician.

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