IBM @server xSeries 346

Innovation helps lower total costs

The x346 delivers many advanced features as standard—keeping more slots free and helping to control total solution cost. New, dual Ultra320 SCSI controllers provide standard mirroring to help reduce system downtime. Integrated management and RAID-5 options maximize flexibility and expansion capability.

Highlights

- **The latest Intel® Xeon™ Processors deliver rich 32-bit performance and support Intel® Extended Memory 64 Technology (Intel® EM64T)**

- **Feature-rich, application-serving platform integrates standard, advanced functionality to lower total solution cost**

- **Easy deployment and management features provide enhanced flexibility and help control administrative costs**

New levels of performance and reliability

The IBM @server® xSeries® 346 delivers mission-critical performance and reliability for data-dense environments. New support for 64-bit extensions through Intel® EM64T provides investment protection by supporting 32-bit and 64-bit applications and outstanding performance and reliability at the operating system and application levels. Performance is also enhanced through:

- *Improved front-side bus speed with dual 800MHz Intel Xeon Processors*
- *Support for up to 16GB[1] DDR2 memory, improving memory speed*
- *Faster I/O speed with support for PCI-Express, a new standard for PCI adapters*

Easy to deploy and manage

Simplified management features help the x346 improve manageability and uptime. The standard Integrated Systems Management processor provides robust standards-based remote control at no extra cost. The optional Remote Supervisor Adapter II SlimLine helps expand systems management functionality by providing virtual control of remote servers. And the drop-down light path panel improves ease of use by letting administrators view diagnostics information from the front of the server.

Get it now

go to **ibm.com**/eserver/xseries or call 1 888 **ShopIBM**
to buy direct or to locate an IBM reseller

xSeries 346 at a glance

Form factor	Rack/2U (Width 443.6mm/17.465", height 85.4mm/3.362", depth 698mm/27.48")
Processor	Intel® Xeon™ Processor up to 3.60GHz/800MHz front-side bus supports Intel® Extended Memory 64 Technology
Number of processors (std/max)	1/2
Cache (max)	Up to 1MB L2
Memory[2] (std/max)	512MB or 1GB/16GB[1] PC2-3200 DDR2 via 8 DIMM slots
Expansion slots	4 PCI-X or 2 PCI-X and 2 PCI-Express
Disk bays (total/hot-swap)	6/6
Maximum internal storage[2,3]	880.8GB Ultra320 SCSI
Network interface	Dual integrated 10/100/1000 Ethernet
Power supply (std/max)	1/2 625W
Hot-swap components	Power supply, fans and hard disk drives
RAID support	Integrated RAID-0/-1, optional RAID-5
Systems management	Automatic Server Restart; Predictive Failure Analysis® on hard disk drives, processors, VRMs, fans and memory; light path diagnostics with drop-down panel; integrated IPMI System Management Processor; IBM Director; Remote Supervisor Adapter II SlimLine and ServerGuide™
Operating systems supported	Microsoft® Windows® Server 2003, Windows 2000®/Advanced Server, Red Hat® Linux® or SUSE LINUX, Novell NetWare
Limited warranty[4]	3-year onsite limited warranty
Internal tape (optional)	IBM 36/72GB DDS Generation5 Internal Tape Drive

For more information

World Wide Web

U.S.	**ibm.com**/eserver/xseries
Canada	**ibm.com**/ca/eserver/xseries

Buy Direct

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

IBM TotalStorage® **Products**	**ibm.com**/totalstorage

[1] When 2GB PC2-3200 DIMMs are available.

[2] 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. When referring to variable speed CD-ROMs, CD-Rs, CD-RWs and DVDs, actual playback speed will vary and is often less than the maximum possible.

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

[4] **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, NC 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.

XSD00362-USEN-00