

## IBM *@server*® xSeries 346



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### Highlights

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- ***New dual-core Intel® Xeon™ Processors deliver outstanding performance for a wide range of applications***
- ***Feature-rich, application-serving platform integrates standard, advanced functionality to help 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 dual-core Intel Xeon Processors helps provide investment protection, outstanding performance and reliability through:

- *Improved front-side bus speed with 800 MHz Intel Xeon Processors*
- *Up to 16GB DDR II memory improves performance*
- *Faster I/O speed with optional support for PCI-Express, a new standard for PCI adapters*

### **Innovation helps lower total costs**

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

### **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 front, drop-down light path panel improves ease of use by letting administrators view diagnostics information.

### **Get it now**

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# ON DEMAND™ EXPRESS PORTFOLIO™

## BUILT FOR MID-SIZED BUSINESS.

Select configurations of the x346 are part of the IBM Express Portfolio, designed, developed and priced to meet the specific needs of midsized businesses. The IBM Express Portfolio of solutions is easy to acquire, install and manage. Express models and configurations vary by country.

### xSeries 346 at a glance

<b>Form factor</b>	Rack/2U
<b>Processor</b>	Intel Xeon Processor up to 3.80 GHz/800 MHz front-side bus and Dual-Core Intel Xeon Processor 2.8 GHz
<b>Number of processors (std/max)</b>	1/2
<b>Cache (max)</b>	Up to 2MB L2 per processor core
<b>Memory<sup>1</sup> (std/max)</b>	512MB, 1GB or 2GB/16GB PC2-3200 DDRII via 8 DIMM slots
<b>Expansion slots</b>	4 PCI-X or 2 PCI-X and 2 PCI-Express
<b>Disk bays (total/hot-swap)</b>	6/6
<b>Maximum internal storage<sup>1,2</sup></b>	1.8TB Ultra320 SCSI
<b>Network interface</b>	Integrated dual Gigabit Ethernet
<b>Power supply (std/max)</b>	1/2 625W
<b>Hot-swap components</b>	Power supply, fans and hard disk drives
<b>RAID support</b>	Integrated RAID-0/-1, optional RAID-5
<b>Systems management</b>	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™
<b>Operating systems supported</b>	Microsoft® Windows® Server 2003, Windows 2000®/Advanced Server, Red Hat® Linux®, SUSE LINUX, Novell NetWare, VMware™ ESX Server™ 2.5
<b>Limited warranty<sup>3</sup></b>	3-year onsite limited warranty
<b>Internal tape (optional)</b>	IBM 36/72GB DDS Generation5 Internal Tape Drive

### For more information

#### World Wide Web

U.S.	<a href="http://ibm.com/eserver/xseries">ibm.com/eserver/xseries</a>
Canada	<a href="http://ibm.com/ca/eserver/xseries">ibm.com/ca/eserver/xseries</a>

<sup>3</sup> Visit [ibm.com/pc/safecomputing](http://ibm.com/pc/safecomputing) periodically for the latest information on safe and effective computing.

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<sup>1</sup> 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.

<sup>2</sup> When referring to storage capacity, GB = 1,000,000,000 bytes. Accessible capacity is less.