

Affordable, easy-to-use, single-socket server for Web and infrastructure solutions



IBM @server® xSeries 306m



Highlights

- **Facilitates ease of management, deployment and service**
- **Offers resiliency and performance in an entry-level server**
- **Utilizes next-generation technologies while maximizing and protecting your IT investment**

The IBM @server® xSeries® 306m features easy management, deployment and service, providing outstanding performance and high availability at an entry-level price.

Simplified computing

The x306m is an easy-to-use server ideally suited for handling Web content-serving and edge-of-network applications. Integration of industry-standard software tools and remote systems management, monitoring and alerting capabilities combine to deliver stress-free systems management and high availability. These features include:

- *Simple-swap and hot-swap hard disk drives (HDDs) allow administrators tool-free entry without removing the system from the rack.*
- *Access true remote management capabilities with IPMI-compliant mini BMC and the optional Remote Supervisor Adapter II to save administrators time.*
- *Rack-optimized design and small form factor enable easier and more efficient systems management.*

Performance at entry-level pricing

Serial Attached SCSI (SAS) HDDs and PCI-Express ensure even greater integrated I/O performance and compatibility with future, next-generation devices for added long-term investment protection. Integrated Host RAID increases your resiliency and protects your critical data by performing incessant data backup. Designed to accommodate high-performance, single- and dual-core 64-bit processors, the x306m optimizes performance of your Web and network infrastructure.

Get it now

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xSeries 306m at a glance

Form factor/height	22" depth/1U
Processor (L2 cache/CPU GHz/front-side bus MHz max)	Intel® Pentium® D (dual-core) (1MB or 2MB/up to 3.0/800) or single-core Intel Pentium 4 (1MB or 2MB/up to 3.6/800), both support Intel Extended Memory 64 Technology
Number of processors (std/max)	1/1
Memory (std/max) ¹	512MB/8GB PC4200 DDR II via 4 DIMM slots
Expansion slots	2 PCI-X 64-bit/100 MHz or 1 PCI-Express x8 and 1 PCI-X 64-bit/100 MHz
Disk bays total/hot-swap	Up to 2 simple swap Serial ATA, or 2 hot-swap Serial ATA or Serial Attached SCSI hard disk drives
Maximum internal storage ²	500GB Serial ATA or 600GB Serial Attached SCSI
Network interface	Dual Gigabit Ethernet
Power supply (std/max)	350W 1/1
Hot-swap components	Serial ATA and Serial Attached SCSI hard disk drives
RAID support	Integrated ServeRAID™-8e, ServeRAID-7t for simple-swap Serial ATA hard disk drives
Systems management	Automatic Server Restart, IBM Director, ServerGuide™, Remote Deployment Manager, Wake on LAN®, optional Remote Supervisor Adapter II
Operating systems supported	Microsoft® Windows® Server™ 2003 Standard Edition/Enterprise Edition/Web Edition, Windows Small Business Server 2003, Red Hat® Enterprise Linux®, SUSE LINUX Enterprise Server, Windows 2000 Server and Advanced Server, Novell NetWare 6.5
Limited warranty ³	1-year or 3-year onsite limited warranty

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

Reseller locator and generation information

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

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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. 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.

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, 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.

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October 2005
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