



Performance Brief

IBM @server x232 delivers powerful performance with SPECweb99

Powered and scaled for e-business growth

June 2001

In recent measurements conducted with SPECweb99, the new xSeries 232 server, announced worldwide June 26, set new records for 1- and 2-way SMP performance, using Red Hat Linux® 7.1 with TUX 2.0.

The xSeries 232 servers give you the power of advanced Intel® 1GHz and 1.13GHz¹ Pentium® III processors and high-bandwidth PCI buses to conquer complex, mainstream business applications. These two-way, SMP-capable universal servers with a compact 5U mechanical package offer ample bays to support general-purpose database, file, or print serving business applications.

The SPECweb99² benchmark was used to measure the xSeries 232 server's performance in 2-way and 1-way processor configurations. The results are summarized below.

IBM @server x232 - Simultaneous Connections	
Two Processors	One Processor
3,227	1,820
System Hardware	
1.13GHz Pentium III / 512KB L2 Cache	
4GB Memory	4GB Memory
6 x 18.2GB ³ 15K Ultra160 Hard Disk Drives	
Onboard Adaptec Controller	
Software	
Red Hat Linux 7.1	
TUX 2.0	
Network Hardware	
3COM/Alteon ACEnic PCI Adapter	
3COM/Alteon ACEswitch 180GbE	

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Notes

(1) GHz only measures microprocessor internal clock speed; many factors affect application performance.

(2) SPECweb99 measures the maximum number of simultaneous connections, requesting the predefined benchmark workload that a Web server is able to support while still meeting specific throughput and error rate requirements. The connections are made and sustained at a specified maximum bit rate with a maximum segment size intended to more realistically model conditions that will be seen on the Internet during the lifetime of this benchmark.

(3) When referring to hard disk capacity, GB, or gigabyte, means one thousand million bytes. Total user-accessible capacity may be less.

Results referenced are current as of June 26, 2001. The x232 models are available in the US June 26, 2001. For the latest SPECweb99 results, visit <http://www.spec.org/osg/web99>.