IBM®

Performance Brief

Netfinity 5100 delivers powerful performance for mainstream business applications

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The Netfinity® 5100 brings performance, power, and function to mainstream business applications. Using two-way, SMP-capable, 133MHz front-side bus (FSB) Pentium™ III processors coupled with a 64-bit PCI bus and Ultra160 SCSI, these servers are designed to perform. They are packaged in a compact 5U mechanical with ample bays to support general-purpose database, file, or print serving business applications.

The SPECweb99™ benchmark was used to measure the Netfinity 5100 server's performance in 2-way and 1-way processor configurations. The SPECweb99[3] results are summarized below.

IBM Netfinity 5100 - Simultaneous Connections	
Two Processors	**One Processor**
1,001	*746*
System Hardware	
733MHz Pentium III / 256KB L2 Cache	
4GB Memory	4GB Memory
5 x 9.1GB[2] 10K Ultra160 Hard Disk Drives	
Software	
Microsoft® Windows™ 2000 Advanced Server	
Microsoft Internet Information Server 5.0	
Network Hardware	
Alteon® ACEnic™ PCI Adapter	

Notes

(1) MHz only measures microprocessor internal clock speed, not application performance. Many factors affect application performance.

(2) When referring to hard disk capacity, GB, or gigabyte, means one thousand million bytes. Total user-accessible capacity may vary depending on operating environment.

(3) 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.

Results referenced in this document are current as of September 21, 2000.