

## New xSeries 345 server delivers leadership two-way performance on SPECweb99 and NotesBench

July 17, 2002 ... The new xSeries™ 345 has demonstrated leadership performance for a two-way SMP server on the SPECweb99 and NotesBench benchmarks.

Powered by the Intel® Xeon™ Processor DP, the new x345 has handily beaten the Compaq ProLiant ML530 G2 -- delivering the highest performance and lowest price/performance to date for a two-way Lotus® Domino® R5Mail server. The x345 supported 15,500 users and delivered 20,835 NotesMarks (transactions per minute) at \$3.57/user and \$2.66/NotesMark. The xSeries 345 also delivered the highest SPECweb99 performance achieved by a two-way SMP server, outperforming the Dell PowerEdge 4600.

Two-way Configurations	SPECweb99			
	Simultaneous Connections			
xSeries 345	5,000			
PowerEdge 4600 (published 6-02)	4,615			
	NotesBench Domino R5Mail Workload			
	Users	\$/User	NotesMark	\$/NotesMark
xSeries 345	15,500	\$3.57	20,835	\$2.66
ProLiant ML530 G2 (published 5-6-02)	14,250	\$5.02	19,523	\$3.66

For the SPECweb99 results, the xSeries 345 used two 2.4GHz/512KB Intel Xeon Processor DP and 8GB of memory; the Dell PowerEdge 4600 used two 2.2GHz Xeon Processor DP and 8GB of memory. Both the xSeries 345 and PowerEdge 4600 ran Microsoft® Windows® 2000 Advanced Server, Microsoft Internet Information Server 5.0, and Microsoft Scalable Web Cache 3.0.

For the NotesBench results, the xSeries 345 used two 2.4GHz/512KB Xeon Processor DP and 4GB of memory and ran Lotus Domino Server 5.0.9a and Microsoft Windows 2000 Server. The ProLiant ML530 G2 used two 2.4GHz Pentium IV processors and 4GB of memory and ran Lotus Domino Server 5.0.8 and Microsoft Windows 2000 Server.

The NotesBench Report for the xSeries 345 was posted at [www.notesbench.org](http://www.notesbench.org) on July 16, 2002. The SPECweb99 results for the xSeries 345 will be posted at [www.spec.org](http://www.spec.org) on August 6, 2002. For a complete list of competitors' results, visit [www.spec.org](http://www.spec.org) and [www.notesbench.org](http://www.notesbench.org).

Specific information about IBM and xSeries products, services and support is located at [ibm.com/pc/ww/eserver/xseries](http://ibm.com/pc/ww/eserver/xseries).

Results referenced are current as of July 17, 2002. The xSeries 345 server will be available July 30, 2002, in the USA. The 2GB memory modules used in the xSeries 345 for the SPECweb99 measurements are available from Samsung.

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