

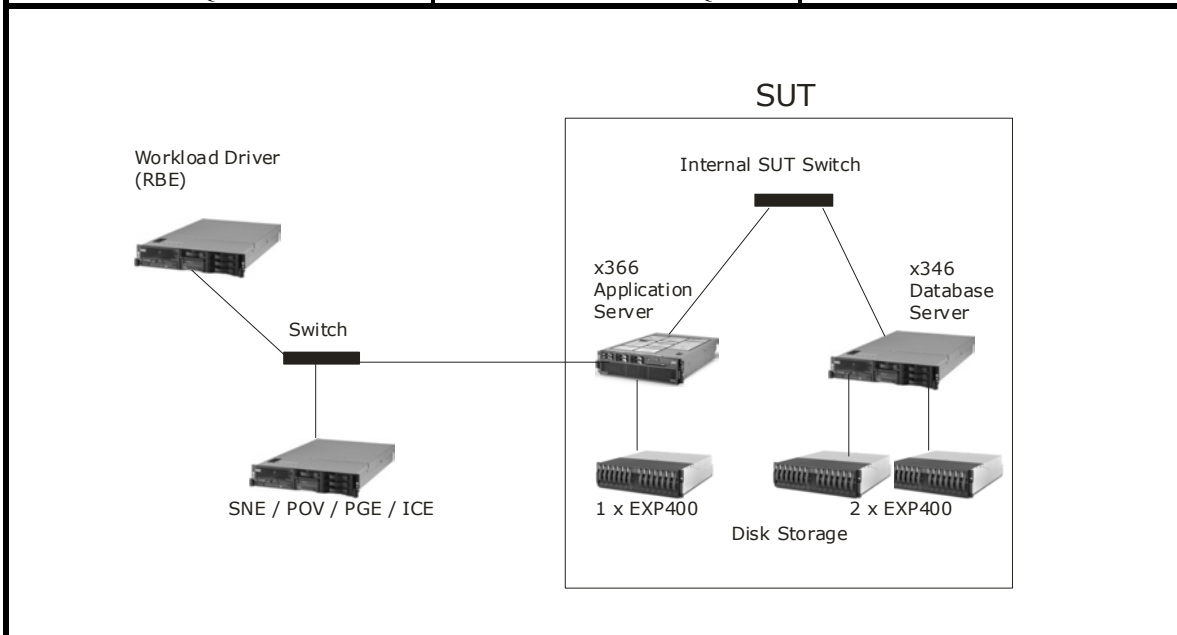


# IBM® eServer™ xSeries® 366

TPC-App  
Rev. 1.1

Report Date  
6/21/05

<b>SIPS per App Server SYSTEM</b>		<b>Total SIPS</b>	
174.9 SIPS		174.9 SIPS	
<b>Price Performance</b>		<b>Availability Date</b>	
\$327.41 USD per SIPS		June 21, 2005	
<b>Category</b>	<b>Application Server System</b>	<b>Average Response Time</b>	
Non-Clustered	1	.743s	
<b>Total Cost</b>	<b>End Users</b>	<b>Application Server</b>	
\$57,264	130	Windows Server 2003 w/ Microsoft .NET 1.1	
<b>Managed Runtime</b>	<b>Distributed Trans. Mgr.</b>	<b>Web Server</b>	
Microsoft .NET 1.1	Microsoft DTC	Microsoft IIS	
<b>Database Manager</b>	<b>Message Queuing Product</b>	<b>Other Software</b>	
Microsoft SQL Server 2000	Microsoft MSMQ	n/a	



Function	System	Num Systems	OS	Processors/ Cores/Threads	Memory
<b>Application Server</b>	IBM eServer xSeries x366 1 x 3.66GHz Xeon MP	1	Microsoft Windows Server 2003 Standard Edition	4/4/8	4GB
<b>Database Server</b>	IBM eServer xSeries x346 1x3.60GHz Xeon DP	1	Microsoft Windows Server 2003 Standard Edition	1/1/2	3GB
<b>Load Balancer</b>	n/a	n/a	n/a	n/a	n/a



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Description	Part No.	Third Party Brand	Price	Unit Price	Qty	Extended Price	3-Yr. Maint. Price
<b>Application &amp; Database Server Hardware</b>							
<b>Hardware</b>							
IBM eServer xSeries 366	8863-2RU	IBM		9,999	1	9,999	
w/1 x 3.66GHz/1MB L2 Cache Xeon Processor MP							
w/2 x 1GB ECC SDRAM RDIMMs							
Integrated Dual-Channel Gigabit Ethernet							
xSeries 3.66GHz/1MB L2 Cache Xeon Processor MP	13N0695	IBM		1,999	3	5,997	
x346 with 3.60GHz/1MB Xeon DP, 1GB (2x512GB) Memory	8840-41U	IBM		3,449	1	3,449	
2GB (2x1GB) PC-3200 DDR2 ECC SDRAM RDIMM	73P2866	IBM		749	2	1,498	
ServeRAID-6M Ultra320 SCSI Adapter	32P0033	IBM		999	2	1,998	
IBM EXP400 Rack Storage Exp. Enclosure	17331RU	IBM		3,099	3	9,297	
73.4GB 15K Ultra320 SCSI Drive	90P1381	IBM		499	42	20,958	
Netfinity 4.2M Ultra2 SCSI Cable	03K9310	IBM		75	3	225	
IBM S2 42U Standard Rack	93074SX	IBM		1,489	1	1,489	
L150p 15-Inch TFT Monitor	90P0717	IBM		325	1	325	
UltraNav Keyboard USB	39M7228	IBM		98	1	98	
Sleek 2-Button Mouse	90P0740	IBM		15	1	15	
ServicePac for 3-Year 24x7x4 Support (x366)	96P2253	IBM		1,000	1		1,000
ServicePac for 3-Year 24x7x4 Support (Monitor)	30L9183	IBM		90	1		90
ServicePac for 3-Year 24x7x4 Support (x346)	96P2250	IBM		750	1		750
ServicePac for 3-Year 24x7x4 Support (EXP400)	41L2768	IBM		760	3		2,280
ServicePac for 3-Year 24x7x4 Support (Rack)	41L2760	IBM		300	1		300
Discount on xSeries Hardware (15%)						8,302	
Discount on ServicePacs (20%)							884
					<b>Subtotal</b>	<b>47,046</b>	<b>3,536</b>
<b>Software</b>							
Microsoft SQL Server 2000 Standard Edition	228-00968	Microsoft		4,999	1	4,999	
Microsoft Windows Server 2003 Standard Edition*	P73-00295	Microsoft		719	2	1,438	
Microsoft Problem Resolution Services		Microsoft		245	1		245
					<b>Subtotal</b>	<b>6,437</b>	<b>245</b>
<b>Connectivity</b>							
Dlink DGS-1008TL 8-port Gigabit Switch	DGS-1008TL			185	3	555	
					<b>Subtotal</b>		
Discounts based on volume purchase; prices vary if purchased separately.							
All prices are in \$USD.							
					<b>Total</b>	<b>53,483</b>	<b>3,781</b>
For Pricing and Ordering Information: 1 - IBM (1-888-SHOP-IBM, Keycode 7764); 2 - Microsoft (*See Quote for Discounts); 3 - www.newegg.com Audited by Francois Raab, InfoSizing, Inc.						<b>Three-Year Cost of Ownership USD:</b>	<b>\$57,264</b>
						<b>SIPS:</b>	<b>174.9</b>
						<b>\$ USD/SIPS:</b>	<b>\$327.41</b>

Independently Audited by:

Francois Raab

InfoSizing, Inc.



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## Numerical Quantities Summary

### Interaction Summary

Interaction Name	Mix %	Interactions Per Second	Count	Minimum Response Time	Average Response Time	Maximum Response Time	90 <sup>th</sup> Percentile Response Time
New Customer	1.00	1.75	12,564	.015s	1.090s	17.1s	2.1s
Change Payment Method	4.99	8.72	62,813	015s	1.082s	17.1s	2.1s
Create Order	50.00	87.49	629,962	015s	1.277s	17.7s	2.2s
Order Status	5.02	8.79	63,280	015s	.161s	15.2s	.1s
New Products	7.01	12.26	88,293	015s	.041s	15.1s	.1s
Product Detail	29.97	52.44	377,535	015s	.091s	15.3s	.1s
Change Item	2.016	3.53	25,404	015s	.093s	15.2s	.1s

### Throughput Summary Graph

