



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

IBM Corporation
IBM eServer xSeries 236 (3.2 GHz Intel Xeon)

SPECfp2000 = 1674
SPECfp_base2000 = 1650

SPEC license #: 11 | Tested by: IBM, Research Triangle Park, NC | Test date: Jun-2005 | Hardware Avail: Feb-2005 | Software Avail: Apr-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	66.8	2397	66.8	2397	
171.swim	3100	138	2246	138	2247	
172.mgrid	1800	129	1393	129	1393	
173.applu	2100	153	1374	154	1366	
177.mesa	1400	99.8	1403	99.8	1403	
178.galgel	2900	90.8	3193	90.8	3193	
179.art	2600	68.8	3778	68.8	3778	
183.earthquake	1300	71.5	1819	59.6	2181	
187.facerec	1900	113	1689	113	1689	
188.ammmp	2200	194	1136	194	1136	
189.lucas	2000	102	1960	101	1983	
191.fma3d	2100	156	1350	156	1350	
200.sixtrack	1100	190	578	188	586	
301.apsi	2600	219	1188	219	1188	

Hardware

CPU: Intel Xeon (3.2 GHz Xeon, 2MB L2 Cache, 800 MHz system bus)
CPU MHz: 3200
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 12K(I) micro-ops + 16KB(D) on chip
Secondary Cache: 2048KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 8 x 512 MB ECC PC2-3200 Single Rank
Disk Subsystem: 73GB SCSI 10K RPM
Other Hardware:

Software

Operating System: Windows Server 2003 Standard Edition
Compiler: Intel C/C++ Compiler 8.1 (20050409) for 32-bit applications
Intel Fortran Compiler 8.1 (20050405Z) for 32-bit applications
Microsoft Visual Studio .NET 13.0.9466 (for libraries)
MicroQuill Smartheap Library 7.30
File System: NTFS
System State: Default

Notes/Tuning Information

GENERAL

ONESTEP=yes
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

PORTABILITY

178.galgel: -FI /F32000000

BASE TUNING

C/F77/F90: -fast -QxP -Qansi_alias +FDO

PEAK TUNING

168.wupwise: basepeak=yes
171.swim: -fast -QxP -f77rtl +FDO
172.mgrid: basepeak=yes
173.applu: -fast -QxP -Qscalar_rep- -Qauto -f77rtl +FDO
177.mesa: basepeak=yes
178.galgel: basepeak=yes
179.art: basepeak=yes
183.earthquake: -fast -QxP -Oa -Qrcd +FDO shlW32M.lib
187.facerec: basepeak=yes



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

IBM Corporation
IBM eServer xSeries 236 (3.2 GHz Intel Xeon)

SPECfp2000 = 1674
SPECfp_base2000 = 1650

SPEC license #: 11 | Tested by: IBM, Research Triangle Park, NC | Test date: Jun-2005 | Hardware Avail: Feb-2005 | Software Avail: Apr-2005

Notes/Tuning Information (Continued)

188. ammp: basepeak=yes
189. lucas: -fast -QxP
191. fma3d: basepeak=yes
200. sixtrack: -QxP -Qipo +FDO
301. apsi: -fast -QxP -f77rtl +FDO