



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

IBM Corporation

IBM eServer xSeries 366 (3.66 GHz Intel Xeon MP)

SPECfp_rate2000 = 42.3

SPECfp_rate_base2000 = 41.4

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	135	54.9	4	135	54.9
171.swim	4	676	21.3	4	676	21.3
172.mgrid	4	230	36.4	4	230	36.4
173.applu	4	385	25.3	4	385	25.3
177.mesa	4	92.1	70.6	4	92.1	70.6
178.galgel	4	194	69.2	4	194	69.2
179.art	4	206	58.7	4	206	58.7
183.quake	4	141	42.8	4	107	56.3
187.facerec	4	152	58.1	4	152	58.1
188.amp	4	282	36.2	4	282	36.2
189.lucas	4	277	33.5	4	276	33.6
191.fma3d	4	259	37.6	4	259	37.6
200.sixtrack	4	170	30.0	4	168	30.4
301.apsi	4	289	41.8	4	289	41.8

Hardware

CPU: Intel Xeon MP (3.66 GHz Xeon, 1MB L2 Cache, 667 MHz system bus)
CPU MHz: 3667
FPU: Integrated
CPU(s) enabled: 4 cores, 4 chips, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2,4
Parallel: No
Primary Cache: 12K(I) micro-ops + 16KB(D) on chip
Secondary Cache: 1024KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 8 x 2048 MB ECC DDR2 Dual Rank
Disk Subsystem: 36GB SAS 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 /F3200000
191.fma3d: srcalt=windowsdp

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.quake: -fast -QxP -Oa -Qrcd +FDO shlW32M.lib



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

IBM Corporation

IBM eServer xSeries 366 (3.66 GHz Intel Xeon MP)

SPECfp_rate2000 = 42.3

SPECfp_rate_base2000 = 41.4

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

Notes/Tuning Information (Continued)

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