



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

IBM Corporation

IBM eServer xSeries x206m (2.8GHz Pentium 4 521, 1MB L2 Cache)

SPECfp_rate2000 = 18.5

SPECfp_rate_base2000 = 18.3

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Jan-2006 | Hardware Avail: Jan-2006 | Software Avail: Nov-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	67.4	27.5	1	67.4	27.5
171.swim	1	121	29.7	1	121	29.7
172.mgrid	1	139	15.1	1	139	15.1
173.applu	1	143	17.0	1	147	16.6
177.mesa	1	112	14.5	1	112	14.5
178.galgel	1	116	29.0	1	116	29.0
179.art	1	85.0	35.5	1	85.0	35.5
183.quake	1	61.4	24.6	1	53.4	28.2
187.facerec	1	110	20.0	1	110	20.0
188.amp	1	239	10.7	1	239	10.7
189.lucas	1	100	23.2	1	98.3	23.6
191.fma3d	1	154	15.8	1	154	15.8
200.sixtrack	1	198	6.44	1	198	6.44
301.apsi	1	240	12.6	1	240	12.6

Hardware

CPU: Intel Pentium 4 521 (800 MHz system bus)
CPU MHz: 2800
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology enabled)
CPU(s) orderable: 1
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: 4 x 1024 MB ECC PC2-4200 Single Rank
Disk Subsystem: 73GB SAS 15K RPM
Other Hardware:

Software

Operating System: Windows Server 2003 Standard Edition
Compiler: Intel C/C++ Compiler 9.0 (20051130Z) for 32-bit applications
Intel Fortran Compiler 9.0 (20051130Z) 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 -Qansi_alias +FDO

PEAK TUNING

168.wupwise: basepeak=yes
171.swim: -fast -f77rtl +FDO
172.mgrid: basepeak=yes
173.applu: -fast -Qscalar_rep- -Qauto -f77rtl +FDO
177.mesa: -fast +FDO
178.galgel: basepeak=yes
179.art: basepeak=yes
183.quake: -fast -Oa -Qrcd +FDO shlw32M.lib
187.facerec: -fast -Qunroll1 -Qscalar_rep- +FDO



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

IBM Corporation

IBM eServer xSeries x206m (2.8GHz Pentium 4 521, 1MB L2 Cache)

SPECfp_rate2000 = 18.5

SPECfp_rate_base2000 = 18.3

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Jan-2006 | Hardware Avail: Jan-2006 | Software Avail: Nov-2005

Notes/Tuning Information (Continued)

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