



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

IBM Corporation

IBM eServer xSeries x206m (3.0GHz Pentium D 930, 2x2MB L2 Cache)

SPECfp2000 = 1784

SPECfp_base2000 = 1763

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	63.3	2526	63.3	2526	
171.swim	3100	118	2626	118	2629	
172.mgrid	1800	129	1392	129	1392	
173.applu	2100	136	1541	140	1502	
177.mesa	1400	106	1320	106	1318	
178.galgel	2900	89.2	3250	89.2	3250	
179.art	2600	61.5	4229	61.5	4229	
183.quake	1300	56.1	2316	47.3	2747	
187.facerec	1900	101	1875	101	1876	
188.amp	2200	189	1166	189	1166	
189.lucas	2000	95.8	2088	94.2	2123	
191.fma3d	2100	148	1416	148	1416	
200.sixtrack	1100	182	604	182	603	
301.apsi	2600	216	1204	216	1204	

Hardware

CPU: Intel Pentium D 930 (800 MHz system bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12K(I) micro-ops + 16KB(D) (on chip) per core
Secondary Cache: 2048KB(I+D) (on chip) per core
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 (3.0GHz Pentium D 930, 2x2MB L2 Cache)

SPECfp2000 = 1784

SPECfp_base2000 = 1763

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: -Qipo +FDO
301. apsi: basepeak=yes