CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

IBM Corporation

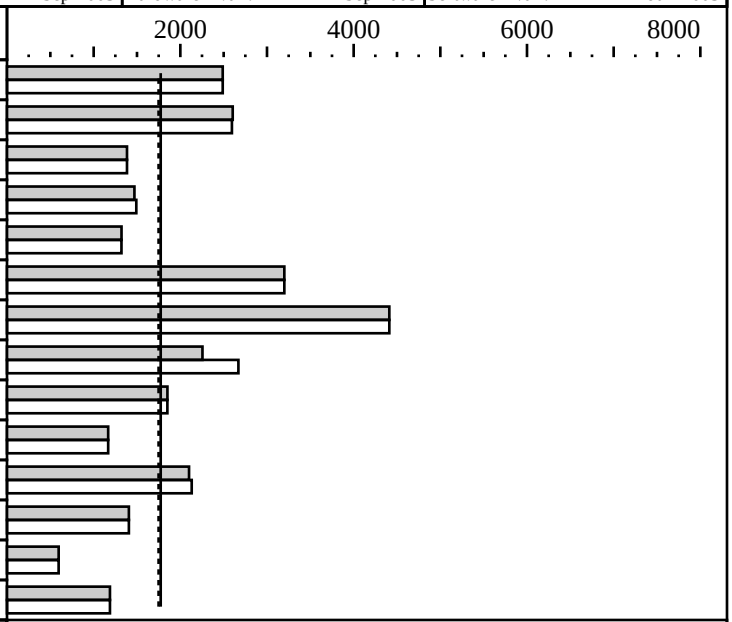
IBM eServer xSeries x206m (3.0GHz Pentium 4 630, 2MB L2 Cache)

SPECfp2000 = 1773

SPECfp_base2000 = 1749

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Sep-2005 | Hardware Avail: Sep-2005 | Software Avail: Jun-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	64.3	2489	64.3	2489
171.swim	3100	119	2604	119	2595
172.mgrid	1800	130	1385	130	1385
173.applu	2100	143	1470	141	1492
177.mesa	1400	106	1321	106	1321
178.galgel	2900	90.6	3200	90.6	3200
179.art	2600	58.9	4411	58.9	4411
183.equake	1300	57.6	2255	48.7	2670
187.facerec	1900	103	1851	103	1851
188.ammp	2200	188	1167	188	1167
189.lucas	2000	95.2	2100	93.8	2131
191.fma3d	2100	149	1406	149	1406
200.sixtrack	1100	185	596	185	596
301.apsi	2600	219	1188	219	1188



Hardware

CPU:	Intel Pentium 4 630 (800 MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1
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:	4 x 1024 MB ECC PC2-3200 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 (20050624Z) for 32-bit applications Intel Fortran Compiler 9.0 (20050624Z) 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
  191.fma3d:    srcalt=windowsdp
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.equake:   -fast -Oa -Qrcd +FDO shlw32M.lib
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     basepeak=yes
189.lucas:    -fast
191.fma3d:    basepeak=yes
200.sixtrack: -Qipo +FDO
301.apsi:     basepeak=yes
```