CFP2000 Result

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IBM Corporation

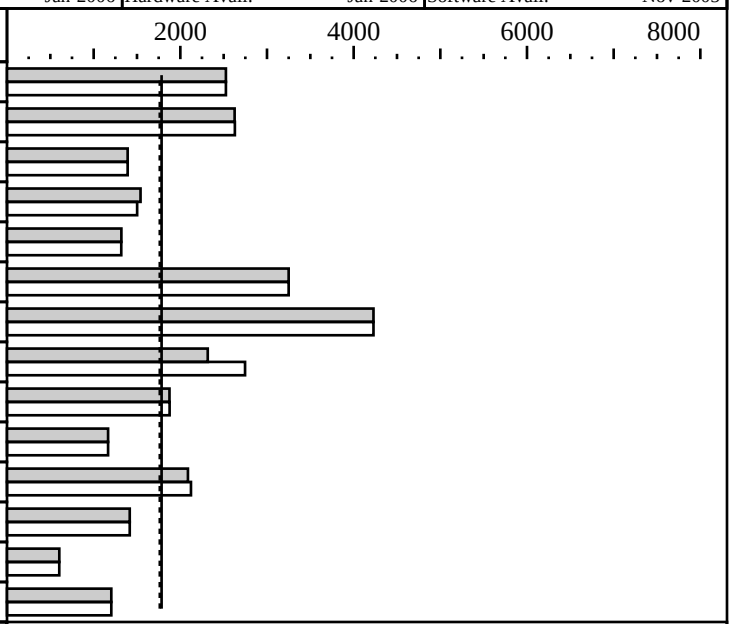
IBM eServer xSeries x206m (3.0GHz Pentium D 930, 2x2MB L2 Cache)

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.equake	1300	56.1	2316	47.3	2747
187.facerec	1900	101	1875	101	1876
188.ammp	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.equake:   -fast -Oa -Qrcd +FDO shlw32M.lib
  187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
```

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Notes/Tuning Information (Continued)

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