CFP2000 Result

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IBM Corporation

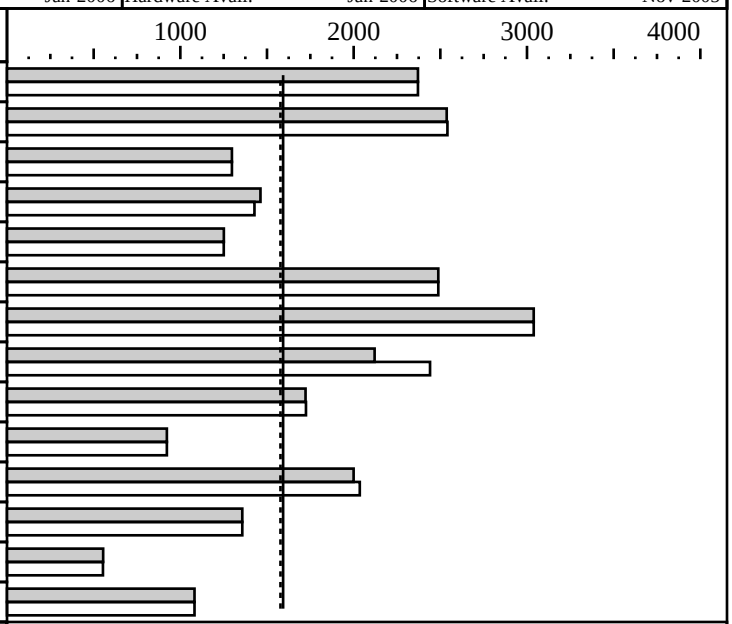
IBM eServer xSeries x206m (2.8GHz Pentium 4 521, 1MB L2 Cache)

SPECfp2000 = 1593

SPECfp_base2000 = 1578

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	67.5	2371	67.5	2371
171.swim	3100	122	2537	122	2541
172.mgrid	1800	139	1298	139	1298
173.applu	2100	144	1462	147	1428
177.mesa	1400	112	1251	112	1251
178.galgel	2900	117	2488	117	2488
179.art	2600	85.6	3039	85.6	3039
183.equake	1300	61.3	2121	53.3	2441
187.facerec	1900	110	1722	110	1725
188.ammp	2200	239	922	239	922
189.lucas	2000	100	2000	98.3	2035
191.fma3d	2100	155	1357	155	1357
200.sixtrack	1100	198	555	199	554
301.apsi	2600	240	1082	240	1082



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.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: -fast +FDO
301.apsi:     basepeak=yes
```