CFP2000 Result

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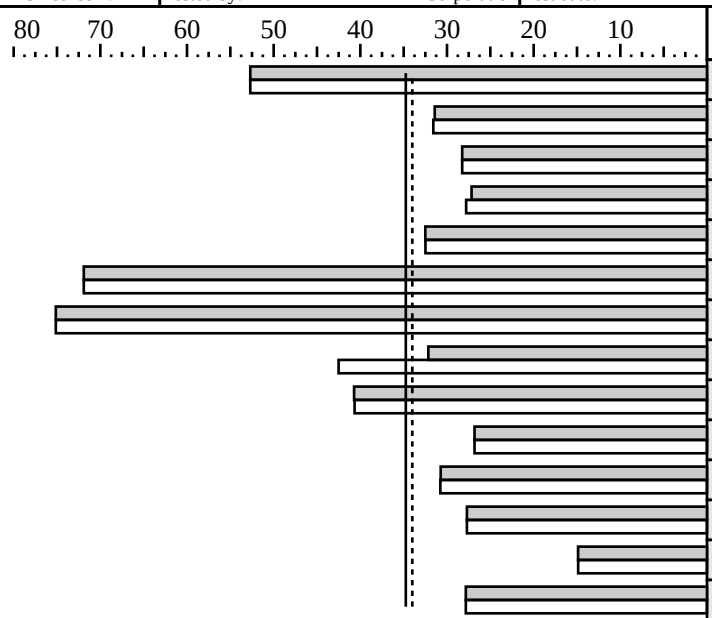
IBM Corporation

IBM eServer xSeries x206m (3.2GHz Pentium D 940, 2x2MB L2 Cache)

SPECfp_rate2000 = 34.8

SPECfp_rate_base2000 = 34.0

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	2	70.4	52.7	2	70.4	52.7
171.swim	2	229	31.4	2	228	31.6
172.mgrid	2	148	28.2	2	148	28.2
173.applu	2	179	27.2	2	175	27.8
177.mesa	2	99.9	32.5	2	100.0	32.5
178.galgel	2	93.6	71.9	2	93.6	71.9
179.art	2	80.3	75.1	2	80.3	75.1
183.equake	2	93.8	32.2	2	71.0	42.5
187.facerec	2	108	40.7	2	108	40.7
188.ammp	2	190	26.8	2	190	26.8
189.lucas	2	151	30.7	2	151	30.8
191.fma3d	2	176	27.7	2	176	27.7
200.sixtrack	2	172	14.9	2	172	14.9
301.apsi	2	217	27.8	2	217	27.8

Hardware

CPU:	Intel Pentium D 940 (800 MHz system bus)
CPU MHz:	3200
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: -fast +FDO
301.apsi:     basepeak=yes
```