CFP2000 Result

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IBM Corporation

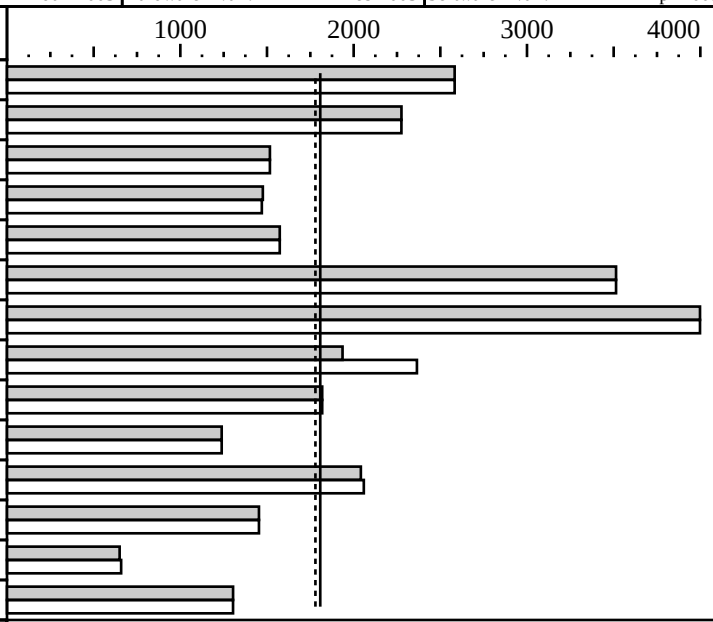
IBM eServer xSeries 236 (3.6 GHz Intel Xeon)

SPECfp2000 = 1807

SPECfp_base2000 = 1779

SPEC license #: 11 | Tested by: IBM, Research Trinagle Park, NC | Test date: Jun-2005 | Hardware Avail: Feb-2005 | Software Avail: Apr-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	62.0	2583	62.0	2583
171.swim	3100	136	2276	136	2275
172.mgrid	1800	119	1517	119	1517
173.applu	2100	142	1476	143	1470
177.mesa	1400	89.0	1574	89.0	1574
178.galgel	2900	82.5	3514	82.5	3514
179.art	2600	65.0	3998	65.0	3998
183.equake	1300	67.2	1936	55.0	2365
187.facerec	1900	104	1818	104	1818
188.ammp	2200	178	1239	178	1239
189.lucas	2000	98.0	2041	97.2	2059
191.fma3d	2100	144	1454	144	1454
200.sixtrack	1100	169	650	167	658
301.apsi	2600	199	1304	199	1304



Hardware

CPU:	Intel Xeon (3.6 GHz Xeon, 2MB L2 Cache, 800 MHz system bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2
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:	8 x 512 MB ECC PC2-3200 Single Rank
Disk Subsystem:	73GB SCSI 10K RPM
Other Hardware:	

Software

Operating System:	Windows Server 2003 Standard Edition
Compiler:	Intel C/C++ Compiler 8.1 (20050409) Intel Fortran Compiler 8.1 (20050405Z) 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 -QxP -Qansi_alias     +FDO
PEAK TUNING
  168.wupwise:  basepeak=yes
  171.swim:     -fast -QxP -f77rtl +FDO
  172.mgrid:    basepeak=yes
  173.applu:    -fast -QxP -Qscalar_rep- -Qauto -f77rtl +FDO
  177.mesa:     basepeak=yes
  178.galgel:   basepeak=yes
  179.art:      basepeak=yes
  183.equake:   -fast -QxP -Oa -Qrcd +FDO shlW32M.lib
  187.facerec:  basepeak=yes
```

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Notes/Tuning Information (Continued)

```
188.ammp:     basepeak=yes
189.lucas:    -fast -QxP
191.fma3d:    basepeak=yes
200.sixtrack: -QxP -Qipo +FDO
301.apsi:     -fast -QxP -f77rtl +FDO
```