CFP2000 Result

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IBM Corporation

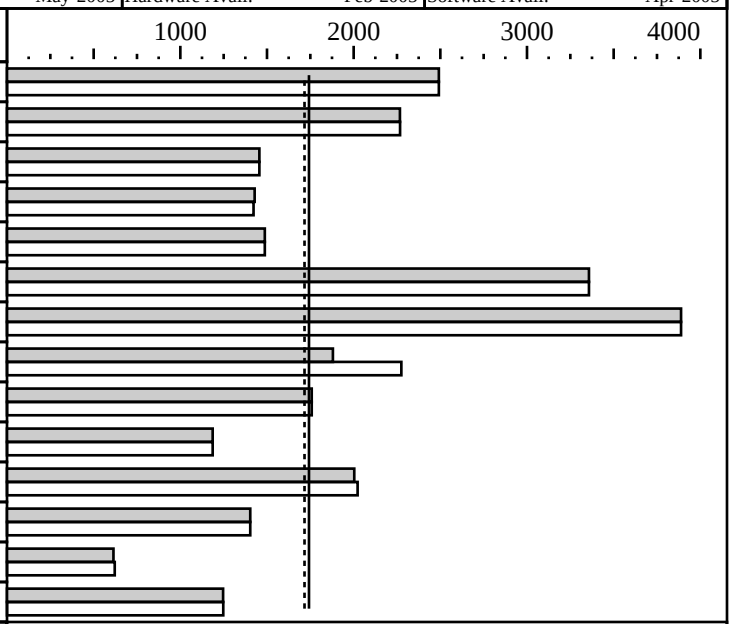
IBM eServer xSeries 226 (3.4 GHz Intel Xeon)

SPECfp2000 = 1742

SPECfp_base2000 = 1716

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	64.2	2491	64.2	2491
171.swim	3100	137	2267	137	2268
172.mgrid	1800	124	1456	124	1456
173.applu	2100	147	1429	148	1422
177.mesa	1400	94.1	1487	94.1	1487
178.galgel	2900	86.4	3357	86.4	3357
179.art	2600	66.9	3889	66.9	3889
183.equake	1300	69.1	1880	57.1	2275
187.facerec	1900	108	1758	108	1758
188.ammp	2200	185	1187	185	1187
189.lucas	2000	99.8	2003	98.9	2023
191.fma3d	2100	150	1403	150	1403
200.sixtrack	1100	179	614	177	622
301.apsi	2600	209	1247	208	1248



Hardware

CPU:	Intel Xeon (3.4 GHz Xeon, 2MB L2 Cache, 800 MHz system bus)
CPU MHz:	3400
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:	4 x 2048 MB ECC PC2-3200 Dual 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 -Qansi_alias -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
```