CFP2000 Result

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IBM Corporation

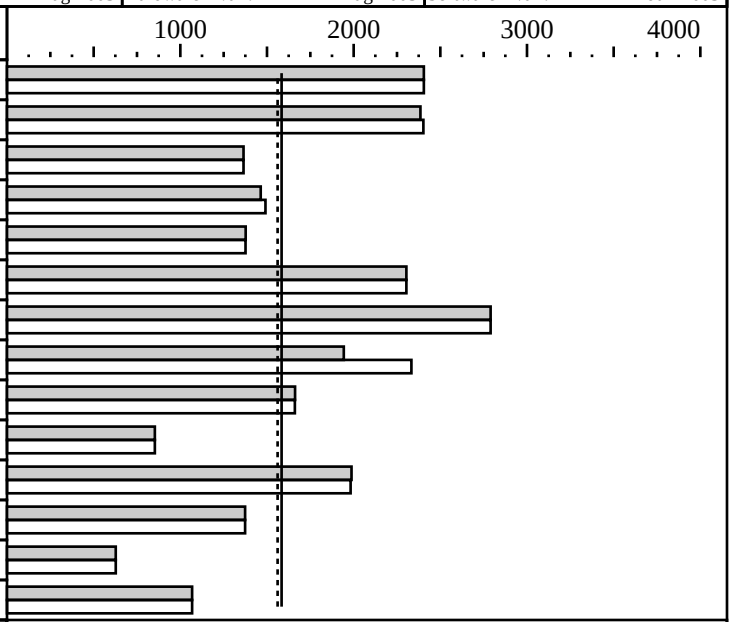
IBM eServer xSeries 260 (3.16 GHz Xeon MP, 1MB L2 Cache)

SPECfp2000 = 1584

SPECfp_base2000 = 1561

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Aug-2005 | Hardware Avail: Aug-2005 | Software Avail: Jun-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	66.5	2405	66.5	2405
171.swim	3100	130	2385	129	2402
172.mgrid	1800	132	1365	132	1365
173.applu	2100	143	1464	141	1491
177.mesa	1400	102	1377	102	1376
178.galgel	2900	126	2304	126	2304
179.art	2600	93.2	2790	93.2	2790
183.equake	1300	66.9	1943	55.7	2333
187.facerec	1900	114	1662	114	1661
188.ammp	2200	258	853	258	853
189.lucas	2000	101	1988	101	1982
191.fma3d	2100	153	1374	153	1374
200.sixtrack	1100	175	627	175	627
301.apsi	2600	243	1068	243	1068



Hardware

CPU:	Intel Xeon MP 3.16 GHz (667 MHz system bus)
CPU MHz:	3166
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2,3,4
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:	16 x 2048 MB ECC PC2-3200 Dual Rank
Disk Subsystem:	73GB SAS 15K RPM
Other Hardware:	

Software

Operating System:	Windows Server 2003 Standard Edition
Compiler:	Intel C/C++ Compiler 9.0 (20050624Z) for 32-bit applications Intel Fortran Compiler 9.0 (20050624Z) 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
  191.fma3d:    srcalt=windowsdp
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
```

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Notes/Tuning Information (Continued)

```
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     basepeak=yes
189.lucas:    -fast
191.fma3d:    basepeak=yes
200.sixtrack: -Qipo +FDO
301.apsi:     basepeak=yes
```