CFP2000 Result

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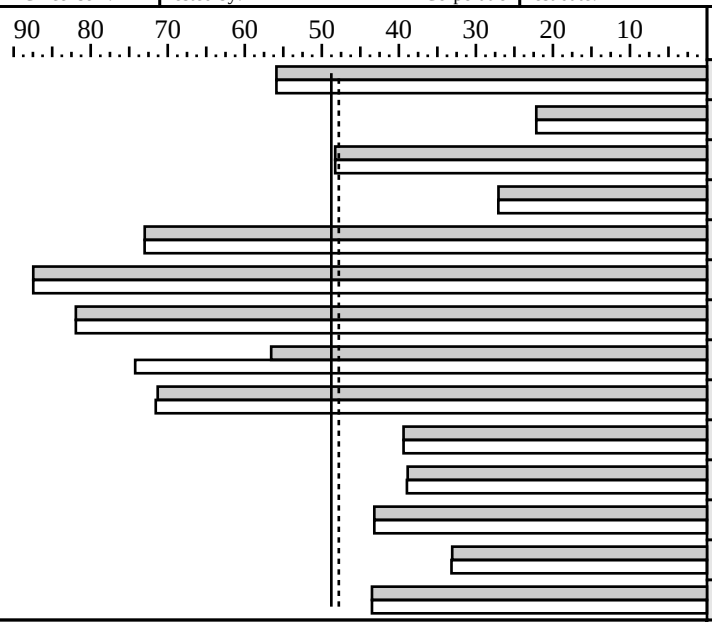
IBM Corporation

IBM eServer xSeries 260 (3.66 GHz Xeon MP, 1MB L2 Cache)

SPECfp_rate2000 = 48.8

SPECfp_rate_base2000 = 47.8

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	133	55.9	4	133	55.9
171.swim	4	649	22.2	4	649	22.2
172.mgrid	4	173	48.3	4	173	48.3
173.applu	4	360	27.1	4	360	27.1
177.mesa	4	89.0	73.0	4	89.0	73.0
178.galgel	4	154	87.5	4	154	87.5
179.art	4	147	81.9	4	147	81.9
183.equake	4	107	56.6	4	81.3	74.2
187.facerec	4	124	71.3	4	123	71.6
188.ammp	4	259	39.4	4	259	39.4
189.lucas	4	239	38.9	4	238	39.0
191.fma3d	4	226	43.2	4	226	43.2
200.sixtrack	4	154	33.1	4	154	33.2
301.apsi	4	277	43.5	4	277	43.5

Hardware

CPU:	Intel Xeon MP 3.66 GHz (667 MHz system bus)
CPU MHz:	3667
FPU:	Integrated
CPU(s) enabled:	4 cores, 4 chips, 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
```