CFP2000 Result

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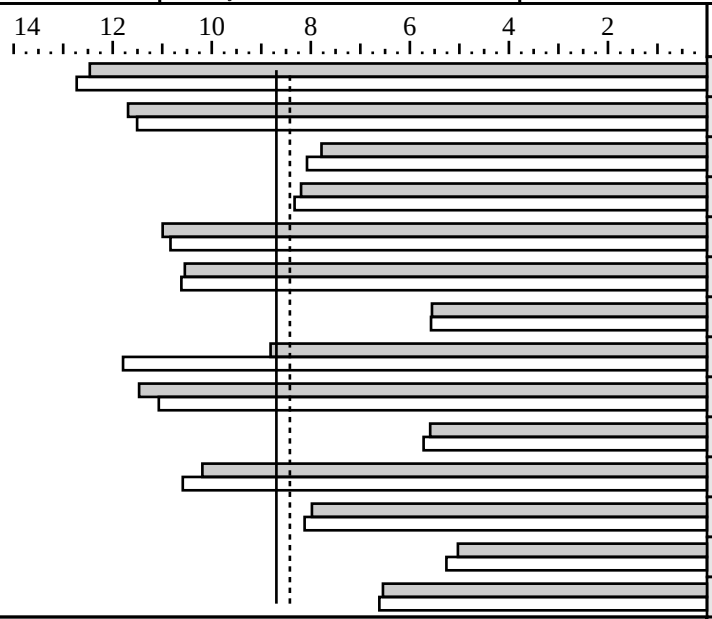
Dell
PowerEdge 2650 (2.4 GHz Xeon)

SPECfp_rate2000 = 8.69

SPECfp_rate_base2000 = 8.42

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Mar-2002 | Hardware Avail: May-2002 | Software Avail: Jun-2001



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	149	12.5	1	146	12.7
171.swim	1	308	11.7	1	313	11.5
172.mgrid	1	268	7.78	1	259	8.08
173.applu	1	297	8.20	1	293	8.33
177.mesa	1	148	11.0	1	150	10.8
178.galgel	1	319	10.5	1	317	10.6
179.art	1	543	5.55	1	541	5.57
183.equake	1	171	8.81	1	128	11.8
187.facerec	1	192	11.5	1	199	11.1
188.ammp	1	457	5.59	1	446	5.72
189.lucas	1	228	10.2	1	219	10.6
191.fma3d	1	305	7.98	1	300	8.13
200.sixtrack	1	254	5.03	1	243	5.26
301.apsi	1	461	6.54	1	456	6.62

Hardware

CPU:	Intel Xeon
CPU MHz:	2400
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1, 2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 8KB(D) on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4GB PC1600 (DDR 200)
Disk Subsystem:	1 x 9.2GB Quantum Atlas 10K II U160
Other Hardware:	

Software

Operating System:	Windows 2000 Professional (SP2)
Compiler:	Intel C++ and Fortran Compiler 5.0.1 (010922Z) Microsoft Visual C++ 6.0 (SP5) MicroQuill SmartHeap Library 5.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

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PORTABILITY

  178.galgel:   -FI /F32000000

FEEDBACK-DIRECTED OPTIMIZATION

  FDO:         PASS1= /Qprof_gen  PASS2= /Qprof_use

BASE TUNING

  C/F77/F90:    /Qipo +FDO /QxW /O3

PEAK TUNING

  168.wupwise:  /Qipo +FDO /QxW /Qprefetch
  171.swim:     /Qipo +FDO /QxW /O3
  172.mgrid:    /Qipo +FDO /QaxW /O3
```

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Notes/Tuning Information (Continued)

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  173.applu:    /Qipo +FDO /QxW /O3 /Qscalar_rep- /Qauto
  177.mesa:     -Qwp_ipo +FDO -QxW -Qunroll0
  178.galgel:   /Qipo +FDO /QxW /O3
  179.art:      -Qipo +FDO -QxW -O3 shlW32M.lib
  183.equake:   -Qwp_ipo +FDO -QxW -Oa shlW32M.lib
  187.facerec:  /Qipo +FDO /QxW /O3 shlW32M.lib
  188.ammp:     -Qipo +FDO -QaxW -Oa
  189.lucas:    /Qipo /QxW /Qunroll0
  191.fma3d:    /Qipo +FDO /QxW /O3
  200.sixtrack: /Qipo +FDO /QxW
  301.apsi:     /Qipo /QxW /O3

EXTRA LIBRARIES

  shlW32M.lib:  MicroQuill SmartHeap Library 5.0
                www.microquill.com

LIBRARY ORDERING

  187.facerec:  libIEPCF90.lib libintrins.lib libF90.lib libqwin.lib
                libm.lib shlW32M.lib LIBC.lib libirc.lib OLDNAMES.lib

1 CPU configuration achieved by editing boot.ini
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