CFP2000 Result

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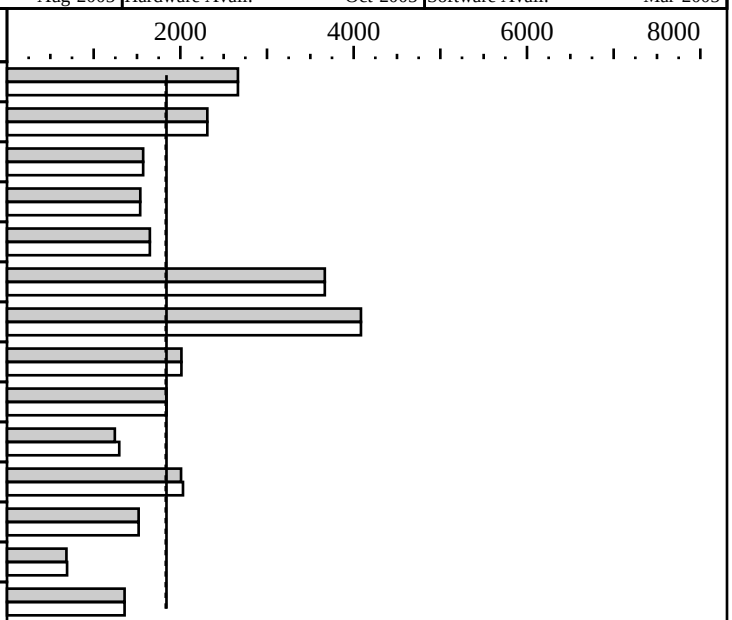
Dell
PowerEdge 2800 (3.8GHz Intel Xeon)

SPECfp2000 = 1840

SPECfp_base2000 = 1832

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Aug-2005 | Hardware Avail: Oct-2005 | Software Avail: Mar-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	60.0	2665	60.0	2665
171.swim	3100	134	2311	134	2311
172.mgrid	1800	115	1571	115	1571
173.applu	2100	137	1538	137	1537
177.mesa	1400	84.9	1648	84.9	1648
178.galgel	2900	79.1	3667	79.1	3667
179.art	2600	63.7	4084	63.7	4084
183.equake	1300	64.6	2013	64.6	2013
187.facerec	1900	103	1839	103	1840
188.ammp	2200	177	1244	170	1295
189.lucas	2000	99.6	2008	98.5	2031
191.fma3d	2100	138	1519	138	1519
200.sixtrack	1100	160	686	159	693
301.apsi	2600	192	1357	192	1357



Hardware

CPU:	Intel Xeon (3.8GHz, 2MB L2, 800MHz system bus)
CPU MHz:	3800
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:	12KB(I) + 16KB(D) on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2GB (dual-ranked) ECC 400MHz DDR2 SDRAM
Disk Subsystem:	1 x 36GB 15000RPM SCSI
Other Hardware:	None

Software

Operating System:	Windows Server 2003, Standard Edition, Service Pack 1
Compiler:	Intel C/C++/FORTRAN Compiler 8.1 for IA32 (20041119Z) Microsoft Visual Studio .NET 2003(7.1.3088, for libraries)
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:     basepeak=yes
  172.mgrid:    basepeak=yes
  173.applu:    -fast -Qansi_alias -Qscalar_rep- -Qauto +FDO
  177.mesa:     basepeak=yes
  178.galgel:   basepeak=yes
  179.art:      basepeak=yes
  183.equake:   -fast -Qansi_alias -Oa -Qrcd +FDO
```

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Notes/Tuning Information (Continued)

```
    187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
    188.ammp:     -Oa -QxP
    189.lucas:    -fast
    191.fma3d:    basepeak=yes
    200.sixtrack: -QxP -Qipo +FDO*
    301.apsi:     basepeak=yes
  NOTES
    *+FDO does not include -QxP for PASS1 to enable cross-compilation.
```