CFP2000 Result

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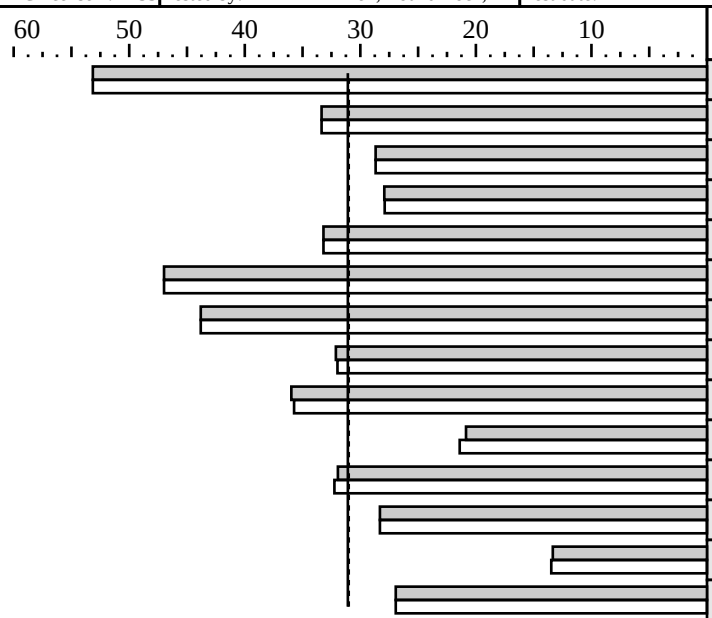
Dell

PowerEdge 830 (3.2GHz Intel dual-core Pentium D)

SPECfp_rate2000 = 31.1

SPECfp_rate_base2000 = 31.0

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jul-2005 | Hardware Avail: Aug-2005 | Software Avail: Nov-2004



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	69.8	53.1	2	69.8	53.1
171.swim	2	216	33.4	2	216	33.4
172.mgrid	2	146	28.7	2	146	28.7
173.applu	2	174	27.9	2	175	27.9
177.mesa	2	97.9	33.2	2	97.9	33.2
178.galgel	2	143	47.0	2	143	47.0
179.art	2	138	43.8	2	138	43.8
183.equake	2	93.9	32.1	2	94.3	32.0
187.facerec	2	123	36.0	2	123	35.7
188.ammp	2	245	20.9	2	239	21.4
189.lucas	2	145	31.9	2	144	32.2
191.fma3d	2	172	28.3	2	172	28.3
200.sixtrack	2	191	13.3	2	189	13.5
301.apsi	2	224	26.9	2	224	26.9

Hardware

CPU:	Intel dual-core Pentium D (3.2GHz, 2x1MB L2, 800MHz system bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12K(I)micro-ops + 16KB(D) on chip, per core
Secondary Cache:	1024KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x1GB (dual-ranked) ECC 533MHz DDR2 SDRAM
Disk Subsystem:	1 x 36GB 15000RPM SCSI
Other Hardware:	None

Software

Operating System:	Windows 2003 Server, 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) MicroQuill SmartHeap Library 7.1
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
```