CFP2000 Result

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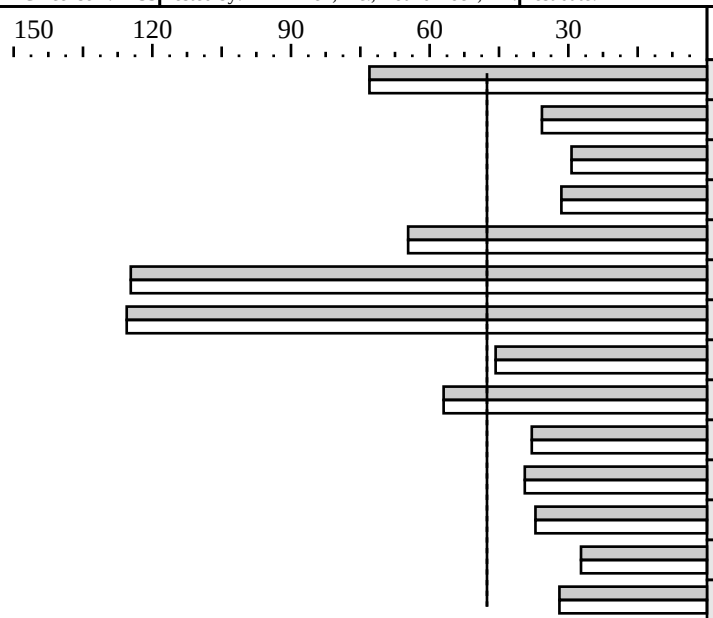
Dell

Precision Workstation 690 (Intel Xeon 5160, 3.00 GHz)

SPECfp_rate2000 = 47.6

SPECfp_rate_base2000 = 47.6

SPEC license #: 55 | Tested by: Dell, Inc., Round Rock, TX. | Test date: Oct-2006 | Hardware Avail: Nov-2006 | Software Avail: Jan-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	50.8	73.0	2	50.8	73.0
171.swim	2	201	35.7	2	201	35.7
172.mgrid	2	142	29.3	2	142	29.3
173.applu	2	155	31.5	2	155	31.5
177.mesa	2	50.2	64.7	2	50.2	64.7
178.galgel	2	54.0	125	2	54.0	125
179.art	2	48.0	126	2	48.0	126
183.equake	2	66.0	45.7	2	66.0	45.7
187.facerec	2	77.4	57.0	2	77.4	57.0
188.ammp	2	135	37.9	2	135	37.9
189.lucas	2	118	39.4	2	118	39.4
191.fma3d	2	131	37.1	2	131	37.1
200.sixtrack	2	93.6	27.3	2	93.6	27.3
301.apsi	2	189	31.9	2	189	31.9

Hardware

CPU:	Quad-Core Intel Xeon processor 5160 (1333 MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	4 MB I+D on chip per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 GB (8 x 1 GB 667 MHz CL5 FB-DIMM DDR2 SDRAM)
Disk Subsystem:	1 x 73GB SAS 10K RPM
Other Hardware:	

Software

Operating System:	Windows XP Professional x64 Edition
Compiler:	Intel C++ Compiler 9.1 for IA32(20060519Z) Intel Fortran Compiler 9.1 for IA32(20060519Z) Microsoft Visual Studio .NET 2003(7.1.3088) MicroQuill SmartHeap Library 8.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
GENERAL
  ONESTEP=yes
  +FDO:   PASS1=-Qprof_gen  PASS2=-Qprof_use
PORTABILITY
  178.galgel:   -FI /F32000000
BASE TUNING
  FORTRAN:      -fast +FDO
  C     :       -fast +FDO shlW32M.lib
PEAK TUNING
  basepeak=yes
BIOS Settings
  Snoop Filter OFF
  Adjacent Cache Line Prefetch ON
```