CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

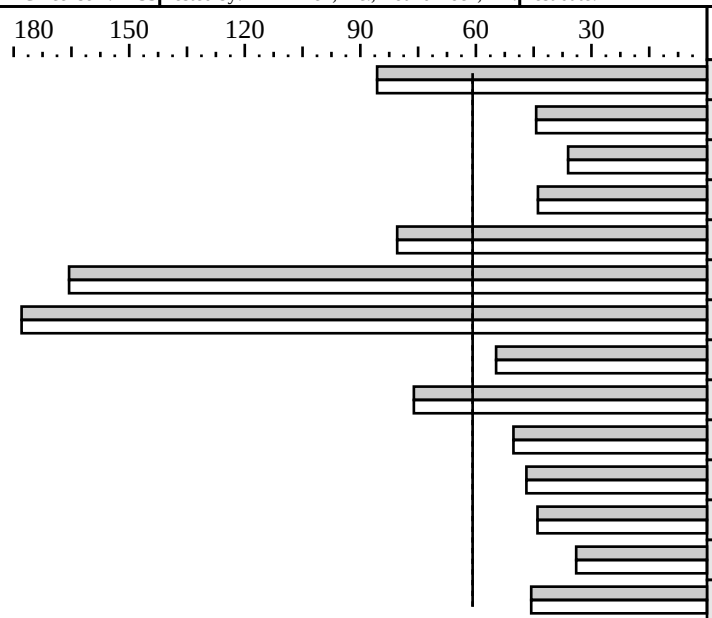
Dell

Precision Workstation 690 (Intel Xeon processor 5120, 1.86 GHz)

SPECfp_rate2000 = 60.8

SPECfp_rate_base2000 = 60.8

SPEC license #: 55 | Tested by: Dell, Inc., Round Rock, TX. | Test date: Jun-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	86.7	85.6	4	86.7	85.6
171.swim	4	324	44.3	4	324	44.3
172.mgrid	4	232	36.1	4	232	36.1
173.applu	4	222	43.9	4	222	43.9
177.mesa	4	80.8	80.4	4	80.8	80.4
178.galgel	4	81.3	166	4	81.3	166
179.art	4	67.8	178	4	67.8	178
183.equake	4	110	54.8	4	110	54.8
187.facerec	4	116	76.1	4	116	76.1
188.ammp	4	203	50.2	4	203	50.2
189.lucas	4	198	46.9	4	198	46.9
191.fma3d	4	221	44.0	4	221	44.0
200.sixtrack	4	150	34.0	4	150	34.0
301.apsi	4	264	45.6	4	264	45.6

Hardware

CPU:	Intel Xeon processor 5120 (1066 MHz system bus)
CPU MHz:	1866
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	4096KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 x 512MB 533MHz ECC CL4 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 -Qansi_alias +FDO
  177.mesa:     -fast +FDO shlW32M.lib
  179.art:      -fast +FDO shlW32M.lib
  183.equake:   -fast +FDO shlW32M.lib
  188.ammp:     -fast +FDO shlW32M.lib
PEAK TUNING
basepeak=yes
```