



CFP2000 Result

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Dell

Precision Workstation 690 (Intel Xeon processor E5320, 1.86 GHz)

SPECfp_rate2000 = 78.0

SPECfp_rate_base2000 = 78.0

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	148	101	8	148	101
171.swim	8	600	47.9	8	600	47.9
172.mgrid	8	404	41.3	8	404	41.3
173.applu	8	393	49.6	8	393	49.6
177.mesa	8	80.9	161	8	80.9	161
178.galgel	8	119	226	8	119	226
179.art	8	199	121	8	199	121
183.equake	8	211	57.1	8	211	57.1
187.facerec	8	182	96.8	8	182	96.8
188.amp	8	257	79.3	8	257	79.3
189.lucas	8	350	53.0	8	350	53.0
191.fma3d	8	329	59.2	8	329	59.2
200.sixtrack	8	157	65.2	8	157	65.2
301.apsi	8	306	78.9	8	306	78.9

Hardware

CPU: Quad-Core Intel Xeon processor E5320 (1066 MHz system bus)
 CPU MHz: 1866
 FPU: Integrated
 CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip
 CPU(s) orderable: 1,2 chips
 Parallel: No
 Primary Cache: 32KB(I) + 32KB(D) on chip, per core
 Secondary Cache: 8 MB I+D on chip, per chip (4 MB shared per 2 cores)
 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

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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

```