



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.amp	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