



CFP2000 Result

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Dell

Precision Workstation 380 (Intel® Pentium® EE processor 965 , 3.73 GHz)

SPECfp2000 = 2113

SPECfp_base2000 = 2112

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Apr-2006 Hardware Avail: May-2006 Software Avail: Jan-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	53.3	3003	53.3	3003	
171.swim	3100	106	2912	106	2912	
172.mgrid	1800	108	1664	108	1664	
173.applu	2100	117	1796	117	1796	
177.mesa	1400	85.9	1630	85.9	1630	
178.galgel	2900	73.4	3952	73.4	3952	
179.art	2600	50.1	5189	50.1	5189	
183.earthquake	1300	41.8	3114	41.6	3128	
187.facerec	1900	85.5	2222	85.4	2224	
188.amp	2200	165	1332	165	1337	
189.lucas	2000	82.7	2420	82.7	2420	
191.fma3d	2100	126	1671	126	1671	
200.sixtrack	1100	150	736	150	735	
301.apsi	2600	177	1465	177	1465	

Hardware

CPU: Intel® Pentium® Extreme Edition processor 965 (1066 MHz system bus)
 CPU MHz: 3733
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
 CPU(s) orderable: 1
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 16KB(D) on chip, per core
 Secondary Cache: 2048KB(I+D) on chip, per core
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4 x 1024MB 667MHz ECC CL5 DDR2 SDRAM
 Disk Subsystem: 1 x 80GB SATA 7200 RPM
 Other Hardware:

Software

Operating System: Windows XP Professional SP2
 Compiler: Intel C/C++ Compiler 9.0 for IA32(20060120Z)
 Intel Fortran Compiler 9.0 for IA32(20060120Z)
 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.earthquake: -fast +FDO shlW32M.lib
 188.amp: -fast +FDO shlW32M.lib

PEAK TUNING

168.wupwise: basepeak=yes
 171.swim: basepeak=yes
 172.mgrid: basepeak=yes
 173.applu: basepeak=yes
 177.mesa: basepeak=yes



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Notes/Tuning Information (Continued)

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178.galgel: basepeak=yes
179.art: basepeak=yes
183.quake: -fast -Oa -Qrcd +FDO shlW32M.lib
187.facerec: -fast -Qunroll11 -Qscalar_rep- +FDO
188.amp: -fast -Oa shlW32M.lib
189.lucas: basepeak=yes
191.fma3d: basepeak=yes
200.sixtrack: -fast +FDO
301.apsi: basepeak=yes
```