



CFP2000 Result

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Dell
Precision WorkStation 530 (2.6 GHz Xeon)

SPECfp2000 = **860**
SPECfp_base2000 = **852**

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Sep-2002 Hardware Avail: Sep-2002 Software Avail: Jun-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	142	1124	137	1170	
171.swim	3100	228	1360	228	1360	
172.mgrid	1800	223	808	223	808	
173.applu	2100	234	897	230	912	
177.mesa	1400	142	983	142	989	
178.galgel	2900	244	1186	244	1186	
179.art	2600	492	528	492	528	
183.quake	1300	131	994	131	990	
187.facerec	1900	183	1037	183	1037	
188.ampm	2200	442	497	440	500	
189.lucas	2000	171	1172	167	1196	
191.fma3d	2100	242	868	242	868	
200.sixtrack	1100	240	459	231	476	
301.apsi	2600	400	650	397	655	

Hardware

CPU: Intel Xeon (400 MHz system bus)
 CPU MHz: 2600
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 8KB(D) on chip
 Secondary Cache: 512KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 2 x 256MB PC800-45 ECC RDRAM
 Disk Subsystem: 1 x 18GB Fujitsu Limited 10K U160
 Other Hardware:

Software

Operating System: Windows XP Professional
 Compiler: Intel C++ and Fortran Compiler 6.0 (020423Z)
 Microsoft Visual Studio .NET (7.0.9466)
 MicroQuill SmartHeap Library 6.01
 File System: NTFS
 System State: Default

Notes/Tuning Information

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PORTABILITY
 178.galgel: -FI -F32000000
FEEDBACK-DIRECTED OPTIMIZATION
 FDO: PASS1= -Qprof_gen PASS2= -Qprof_use
BASE TUNING
 C-F77-F90: -Qipo -QxW -O3 +FDO
PEAK TUNING
 168.wupwise: -Qipo -QxW +FDO
 171.swim: -Qipo -QxW -O3 +FDO
 172.mgrid: -Qipo -QaxW -O3 +FDO
 173.applu: -Qipo -QxW -O3 -Qscalar_rep- +FDO
 177.mesa: -Qipo -QxW -O3 -Oa +FDO
 178.galgel: -Qipo -QxW -O3 +FDO
 179.art: -Qipo -QxW -O3 -Oa +FDO
 183.quake: -Qipo -QxW -O3 -Oa +FDO shlw32M.lib
 187.facerec: -Qipo -QxW -O3 +FDO
 188.ampm: -Qipo -QxW -O3 -Oa +FDO

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Dell
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SPECfp2000 = 860

SPECfp_base2000 = 852

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Sep-2002 | Hardware Avail: Sep-2002 | Software Avail: Jun-2002

Notes/Tuning Information (Continued)

189.lucas: -Qipo -QaxW
191.fma3d: -Qipo -QxW -O3 +FDO
200.sixtrack: -Qipo -QxW +FDO
301.apsi: -Qipo -QxW +FDO
EXTRA LIBRARIES
shlw32M.lib: MicroQuill SmartHeap Library 6.01
www.microquill.com