



CFP2000 Result

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Dell
Precision WorkStation 530 (1.5 GHz Xeon)

SPECfp_rate2000 = 11.2
SPECfp_rate_base2000 = 10.9

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Oct-2001 | Hardware Avail: May-2001 | Software Avail: Jun-2001

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	217	17.1	2	217	17.1
171.swim	2	487	14.8	2	487	14.8
172.mgrid	2	421	9.91	2	420	9.95
173.applu	2	416	11.7	2	415	11.7
177.mesa	2	228	14.2	2	231	14.1
178.galgel	2	469	14.3	2	470	14.3
179.art	2	1008	5.99	2	1004	6.01
183.quake	2	257	11.7	2	186	16.2
187.facerec	2	314	14.0	2	321	13.7
188.amp	2	735	6.94	2	719	7.10
189.lucas	2	322	14.4	2	320	14.5
191.fma3d	2	461	10.6	2	478	10.2
200.sixtrack	2	399	6.39	2	384	6.65
301.apsi	2	713	8.46	2	704	8.57

Hardware

CPU: Intel Xeon
 CPU MHz: 1500
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip
 CPU(s) orderable: 1, 2
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 8KB(D) on chip
 Secondary Cache: 256KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 2 x 256MB PC800 ECC RDRAM
 Disk Subsystem: 1 x 9GB Fujitsu 10K U160
 Other Hardware:

Software

Operating System: Windows 2000 Professional (SP2)
 Compiler: Intel C++ and Fortran Compiler 5.0.1 (010727Z)
 Microsoft Visual C++ 6.0 (SP5)
 MicroQuill SmartHeap Library 5.0
 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 +FDO /QxW /O3
PEAK TUNING
168.wupwise:  /Qipo +FDO /QxW /Qprefetch
171.swim:     /Qipo +FDO /QxW /O3
172.mgrid:    /Qipo +FDO /QaxW /O3
173.applu:    /Qipo +FDO /QxW /O3 /Qscalar_rep- /Qauto
177.mesa:     -Qwp_ipo +FDO -QxW -Qunroll10
178.galgel:   /Qipo +FDO /QxW /O3
179.art:      -Qipo +FDO -QxW -O3 shlw32M.lib
183.quake:    -Qwp_ipo +FDO -QxW -Oa shlw32M.lib
187.facerec:  /Qipo +FDO /QxW /O3 shlw32M.lib
188.amp:      -Qipo +FDO -QaxW -Oa

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Notes/Tuning Information (Continued)

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189.lucas: /Qipo /QxW /Qunroll10
191.fma3d: /Qipo +FDO /QxW /O3
200.sixtrack: /Qipo +FDO /QxW
301.apsi: /Qipo /QxW /O3
EXTRA LIBRARIES
shlW32M.lib: MicroQuill SmartHeap Library 5.0
www.microquill.com
LIBRARY ORDERING
187.facerec: libIEPCF90.lib libintrins.lib libF90.lib libqwin.lib
libm.lib shlW32M.lib LIBC.lib libirc.lib OLDNAMES.lib
```