



CINT2000 Result

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Dell
Precision WorkStation 530 (1.70 GHz Xeon)

SPECint2000 = **593**
SPECint_base2000 = **575**

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: May-2001 Hardware Avail: May-2001 Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	222	632	219	639	
175.vpr	1400	439	319	416	336	
176.gcc	1100	175	628	175	629	
181.mcf	1800	363	496	363	496	
186.crafy	1000	181	553	180	555	
197.parser	1800	347	519	347	519	
252.eon	1300	173	750	145	896	
253.perlbmk	1800	230	783	230	784	
254.gap	1100	140	785	138	798	
255.vortex	1900	236	805	225	846	
256.bzip2	1500	331	454	315	477	
300.twolf	3000	698	430	698	430	

Hardware

CPU: Intel Xeon
 CPU MHz: 1700
 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: 256KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 2 x 128MB PC800 ECC RDRAM
 Disk Subsystem: 1 x 36GB Quantum Atlas 10K II U160
 Other Hardware:

Software

Operating System: Windows 2000 (SP1)
 Compiler: Intel C++ Compiler 5.0 Build 001004
 Microsoft Visual C++ 6.0 (for libraries)
 MicroQuill SmartHeap Library 5.0
 File System: NTFS
 System State: Default

Notes/Tuning Information

PORTABILITY FLAGS

176.gcc: -Dalloca=_alloca /F10000000
 186.crafy: -DNT_i386
 253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

FEEDBACK-DIRECTED OPTIMIZATION

FDO2: PASS1= -Qprof_gen PASS2= -Qprof_use

BASE TUNING

C: -Qipo +FDO2 -QxW shlw32M.lib
 C++: -Qipo -QxW -GX -GR

PEAK TUNING

164.gzip: -Qipo +FDO2 -QxW -Oi- -Oa shlw32M.lib
 175.vpr: -Qwp_ipo +FDO2 -QxW
 176.gcc: -Qipo +FDO2 -QxW shlw32M.lib
 181.mcf: -Qipo +FDO2 -QxW shlw32M.lib
 186.crafy: -Qipo +FDO2 -QxW -Oa shlw32M.lib
 197.parser: -Qipo +FDO2 -QxW shlw32M.lib
 252.eon: -Qipo +FDO2 -QxW -Qrcd
 253.perlbmk: -Qipo +FDO2 -QxW shlw32M.lib
 254.gap: -Qipo +FDO2 -QaxM



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Notes/Tuning Information (Continued)

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255.vortex: -Qwp_ipo +FDO2 -QxW -Oa shlw32M.lib
256.bzip2:  -Qipo +FDO2 -QaxK -Oa -G7
300.twolf:  -Qipo +FDO2 -QxW shlw32M.lib
EXTRA LIBRARIES
shlw32M.lib: MicroQuill SmartHeap Library 5.0
              www.microquill.com
```