



CINT2000 Result

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Dell
Precision WorkStation 530 (1.50 GHz Xeon)

SPECint2000 = **543**
SPECint_base2000 = **526**

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	255	548	247	568
175.vpr	1400	468	299	444	316
176.gcc	1100	186	591	188	585
181.mcf	1800	373	482	373	482
186.crafy	1000	202	494	201	497
197.parser	1800	379	474	380	474
252.eon	1300	196	662	165	790
253.perlbmk	1800	257	699	257	699
254.gap	1100	155	711	152	724
255.vortex	1900	260	730	247	771
256.bzip2	1500	358	419	339	443
300.twolf	3000	739	406	739	406

Hardware

CPU: Intel Xeon
 CPU MHz: 1500
 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 +FD02 -QxW -Oa shlw32M.lib
256.bzip2:  -Qipo +FD02 -QaxK -Oa -G7
300.twolf:  -Qipo +FD02 -QxW shlw32M.lib
EXTRA LIBRARIES
shlw32M.lib: MicroQuill SmartHeap Library 5.0
              www.microquill.com
```