



CINT2000 Result

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Dell
Precision WorkStation 330 (1.40 GHz P4)

SPECint2000 = **505**
SPECint_base2000 = **493**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	276	507	273	513	
175.vpr	1400	489	286	490	286	
176.gcc	1100	199	553	198	554	
181.mcf	1800	385	468	383	470	
186.crafty	1000	216	462	217	462	
197.parser	1800	403	447	403	447	
252.eon	1300	218	597	180	723	
253.perlbmk	1800	276	653	276	653	
254.gap	1100	172	638	172	639	
255.vortex	1900	273	696	262	725	
256.bzip2	1500	376	398	371	404	
300.twolf	3000	772	389	768	390	

Hardware

CPU: Pentium 4
 CPU MHz: 1400
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1
 Parallel: No
 Primary Cache: 12K micro-ops I + 8KB D
 Secondary Cache: 256KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 2 x 128MB PC800 RDRAM
 Disk Subsystem: 1 x 40GB Maxtor 7.2K ATA/5
 Other Hardware:

Software

Operating System: Windows NT 4.0 (SP5)
 Compiler: Intel C/C++ Compiler 5.0 for Windows NT
 Microsoft Visual C++ 6.0 (for libraries)
 MicroQuill SmartHeap Library 5.0
 File System: NTFS
 System State: Default

Notes/Tuning Information

FEEDBACK-DIRECTED OPTIMIZATION

+FDO: PASS1= -Qprof_gen PASS2= -Qprof_use

BASE TUNING

C: -QxW -Qipo shlW32M.lib +FDO

C++: -QxW -Qipo -GX -GR

PORTABILITY FLAGS

176.gcc: -Dalloca=_alloca /F10000000

186.crafty: -DNT_i386

253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT

254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

PEAK TUNING

164.gzip: -QxW -Qipo +FDO shlW32M.lib

175.vpr: -QxW -Qipo +FDO shlW32M.lib

176.gcc: -QxW -Qipo +FDO shlW32M.lib

181.mcf: -QxW -Qipo +FDO shlW32M.lib

186.crafty: -QxW -Qipo +FDO shlW32M.lib

197.parser: -QxW -Qipo +FDO shlW32M.lib

252.eon: -QxW -Qipo +FDO

253.perlbmk: -QxW -Qipo +FDO shlW32M.lib

254.gap: -QxW -Qipo +FDO shlW32M.lib



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Notes/Tuning Information (Continued)

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