



CINT2000 Result

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Dell
Precision WorkStation 330 (1.50 GHz P4)

SPECint2000 = **526**
SPECint_base2000 = **515**

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	264	530	258	543	
175.vpr	1400	475	295	474	295	
176.gcc	1100	193	571	193	569	
181.mcf	1800	382	471	383	470	
186.crafty	1000	204	490	204	490	
197.parser	1800	385	468	385	467	
252.eon	1300	204	639	168	774	
253.perlbmk	1800	260	694	259	696	
254.gap	1100	164	672	164	672	
255.vortex	1900	262	726	252	755	
256.bzip2	1500	361	415	357	421	
300.twolf	3000	752	399	753	398	

Hardware

CPU: Pentium 4
 CPU MHz: 1500
 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
```