



CINT2000 Result

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Dell
Precision WorkStation 420 (1.0 GHz PIII)

SPECint_rate2000 = 9.55
SPECint_rate_base2000 = 9.40

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	271	12.0	2	271	12.0
175.vpr	2	454	7.15	2	454	7.15
176.gcc	2	358	7.13	2	357	7.15
181.mcf	2	851	4.91	2	851	4.90
186.crafty	2	192	12.1	2	192	12.1
197.parser	2	565	7.39	2	551	7.59
252.eon	2	210	14.3	2	187	16.1
253.perlbnk	2	300	13.9	2	299	13.9
254.gap	2	284	8.99	2	283	9.02
255.vortex	2	279	15.8	2	274	16.1
256.bzip2	2	435	8.00	2	423	8.23
300.twolf	2	891	7.81	2	891	7.81

Hardware

CPU: Pentium III
 CPU MHz: 1000
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip
 CPU(s) orderable: 1, 2
 Parallel: No
 Primary Cache: 16KB(I) + 16KB(D) on chip
 Secondary Cache: 256KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 2 x 256MB PC800 RDRAM
 Disk Subsystem: 1 x 18GB Quantum Atlas 10K U160
 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: -QxK -Qipo shlw32M.lib +FDO

C++: -QxK -Qipo -GX -GR

PORTABILITY FLAGS

176.gcc: -Dalloca=_alloca /F10000000

186.crafty: -DNT_i386

253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT

254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

PEAK TUNING

164.gzip: -QxK -Qipo +FDO shlw32M.lib

175.vpr: -QxK -Qipo +FDO shlw32M.lib

176.gcc: -QxK -Qipo +FDO shlw32M.lib

181.mcf: -QxK -Qipo +FDO shlw32M.lib

186.crafty: -QxK -Qipo +FDO shlw32M.lib

197.parser: -QxK -Qipo +FDO shlw32M.lib

252.eon: -QxK -Qipo +FDO

253.perlbnk: -QxK -Qipo +FDO shlw32M.lib

254.gap: -QxK -Qipo +FDO shlw32M.lib



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Notes/Tuning Information (Continued)

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