



CINT2000 Result

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Dell
Precision WorkStation 350 (3.06 GHz P4)

SPECint2000 = 1130
SPECint_base2000 = 1085

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Nov-2002 Hardware Avail: Nov-2002 Software Avail: Jun-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	123	1138	111	1260	
175.vpr	1400	231	606	210	668	
176.gcc	1100	89.0	1236	88.7	1240	
181.mcf	1800	233	773	231	781	
186.crafty	1000	84.8	1179	84.8	1179	
197.parser	1800	176	1025	170	1062	
252.eon	1300	97.2	1337	82.5	1577	
253.perlbmk	1800	130	1381	130	1380	
254.gap	1100	77.5	1419	75.2	1463	
255.vortex	1900	115	1658	113	1685	
256.bzip2	1500	175	856	174	863	
300.twolf	3000	333	900	326	922	

Hardware

CPU: Intel Pentium 4 (533 MHz system bus)
 CPU MHz: 3066
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 8KB(D) on chip
 Secondary Cache: 512KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 2 x 256MB PC1066-32 ECC RDRAM
 Disk Subsystem: 1 x 20GB Maxtor 7.2K ATA/100
 Other Hardware:

Software

Operating System: Windows XP Professional
 Compiler: Intel C++ Compiler 6.0 (020613Z)
 Microsoft Visual Studio .NET (7.0.9466)
 MicroQuill SmartHeap Library 6.01
 File System: NTFS
 System State: Default

Notes/Tuning Information

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

FEEDBACK-DIRECTED OPTIMIZATION

FDO: PASS1= -Qprof_gen PASS2= -Qprof_use

BASE TUNING

C: -Qipo -QxW +FDO shlW32M.lib
 C++: -QxW -GX -GR +FDO

PEAK TUNING

164.gzip: -Qipo -QxW -O3 +FDO
 175.vpr: -Qipo -QxW -O3 +FDO
 176.gcc: -Qipo -QxW -O3 +FDO
 181.mcf: -Qipo -QxW -O3 +FDO shlW32M.lib
 186.crafty: -Qipo -QxW -O3 +FDO
 197.parser: -Qipo -QxW -O3 +FDO
 252.eon: -Qipo -QxW -O3 +FDO
 253.perlbmk: -Qipo -QxW +FDO shlW32M.lib
 254.gap: -Qipo -QaxW -O3 +FDO



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Dell
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SPECint2000 =	1130
SPECint_base2000 =	1085

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Nov-2002 | Hardware Avail: Nov-2002 | Software Avail: Jun-2002

Notes/Tuning Information (Continued)

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255.vortex: -Qwp_ipo -QxW -O3 -Oa +FDO
256.bzip2:  -Qipo -QxW -O3
300.twolf:  -Qipo -QxW -O3 -Oa shlw32M.lib
EXTRA LIBRARIES
shlw32M.lib: MicroQuill SmartHeap Library 6.01
              www.microquill.com
```