



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
Precision WorkStation 340 (2.8 GHz P4)

SPECint_rate2000 = **11.7**
SPECint_rate_base2000 = **11.3**

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	135	12.0	1	122	13.3
175.vpr	1	259	6.27	1	239	6.79
176.gcc	1	96.6	13.2	1	95.9	13.3
181.mcf	1	277	7.54	1	277	7.53
186.crafty	1	93.3	12.4	1	93.1	12.5
197.parser	1	195	10.7	1	190	11.0
252.eon	1	106	14.2	1	90.3	16.7
253.perlbnk	1	144	14.5	1	144	14.5
254.gap	1	86.6	14.7	1	84.1	15.2
255.vortex	1	129	17.1	1	124	17.7
256.bzip2	1	198	8.77	1	197	8.84
300.twolf	1	379	9.17	1	370	9.42

Hardware

CPU: Intel Pentium 4 (533 MHz system bus)
 CPU MHz: 2800
 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 PC800-40 ECC RDRAM
 Disk Subsystem: 1 x 10GB Maxtor 7.2K ATA/100
 Other Hardware:

Software

Operating System: Windows XP Professional
 Compiler: Intel C++ Compiler 6.0 (020423Z)
 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.perlbnk: -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.perlbnk: -Qipo -QxW +FDO shlW32M.lib
 254.gap: -Qipo -QaxW -O3 +FDO



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
Precision WorkStation 340 (2.8 GHz P4)

SPECint_rate2000 = 11.7
SPECint_rate_base2000 = 11.3

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

Notes/Tuning Information (Continued)

```
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
```