



CINT2000 Result

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Dell
Precision Workstation 360 (3.00E GHz Pentium 4)

SPECint2000 = **1329**
SPECint_base2000 = **1276**

SPEC license #: 55 Tested by: Dell Inc., Round Rock, TX Test date: Jan-2004 Hardware Avail: Feb-2004 Software Avail: Dec-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	141	995	141	995	
175.vpr	1400	158	886	158	886	
176.gcc	1100	68.1	1615	68.1	1615	
181.mcf	1800	150	1199	149	1212	
186.crafty	1000	92.1	1086	90.6	1104	
197.parser	1800	155	1161	155	1161	
252.eon	1300	88.9	1462	76.4	1701	
253.perlbmk	1800	128	1409	116	1554	
254.gap	1100	68.5	1606	68.5	1606	
255.vortex	1900	84.7	2243	84.7	2243	
256.bzip2	1500	154	972	151	994	
300.twolf	3000	251	1196	206	1453	

Hardware

CPU: Intel Pentium 4 (800 MHz system bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12K(I) micro-ops + 16KB(D) on chip
Secondary Cache: 1024KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4 x 512MB ECC CL3 DDR400 SDRAM
Disk Subsystem: 1 x 80GB ATA/100 7200 RPM
Other Hardware:

Software

Operating System: Windows XP Professional SP1
Compiler: Intel C/C++ Compiler 8.0 (20031229Z)
Microsoft Visual Studio .NET (7.0.9466)
File System: NTFS
System State: Default

Notes/Tuning Information

PORTABILITY FLAGS

176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -DNT_i386
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

FEEDBACK DIRECTED OPTIMIZATION

ONESTEP=yes
FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

BASE TUNING

C: -QxP -Qipo -O3 +FDO
C++: -QxP -Qipo -GX -GR

PEAK TUNING

164.gzip: -QxP -Qipo -O3 -Oa +FDO
175.vpr: basepeak=yes
176.gcc: basepeak=yes
181.mcf: -QxP -Qipo -O3 +FDO shlw32M.lib
186.crafty: -QxP -Qipo -O3 -Oa +FDO shlw32M.lib
197.parser: basepeak=yes
252.eon: -QxP -Qipo -O3 +FDO
253.perlbmk: -QxP -Qipo -O3 +FDO shlw32M.lib



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Notes/Tuning Information (Continued)

```
254.gap:      basepeak=yes
255.vortex    basepeak=yes
256.bzip2:    -Qipo      -Oa -Qunroll1 +FDO shlW32M.lib
300.twolf:    -QxP -Qipo -O3      +FDO shlW32M.lib
EXTRA LIBRARIES
shlW32M.lib:  MicroQuill SmartHeap Library 7.1
              www.microquill.com
```

NOTES

Hyper-Threading Technology not enabled.