



CINT2000 Result

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Dell
Precision Workstation 380 (3.8 GHz Pentium 4, 2MB L2)

SPECint2000 = **1815**
SPECint_base2000 = **1793**

SPEC license #: 55 Tested by: Dell Inc., Round Rock, TX Test date: May-2005 Hardware Avail: Jun-2005 Software Avail: Dec-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	110	1267	111	1259	
175.vpr	1400	109	1281	109	1281	
176.gcc	1100	51.6	2132	51.6	2132	
181.mcf	1800	85.1	2115	85.1	2115	
186.crafty	1000	72.1	1387	71.3	1403	
197.parser	1800	116	1556	116	1556	
252.eon	1300	54.9	2369	55.1	2360	
253.perlbnk	1800	91.4	1969	80.2	2243	
254.gap	1100	54.3	2026	54.3	2026	
255.vortex	1900	65.4	2906	65.4	2905	
256.bzip2	1500	110	1362	110	1366	
300.twolf	3000	161	1869	159	1888	

Hardware

CPU: Intel Pentium 4 (800 MHz system bus)
 CPU MHz: 3800
 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: 2048KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4 x 512MB ECC CL4 533MHz DDR2 SDRAM
 Disk Subsystem: 1 x 80GB SATA 7200 RPM
 Other Hardware:

Software

Operating System: Windows XP Professional SP2
 Compiler: Intel C/C++ Compiler 8.1 (20041119Z)
 Microsoft Visual Studio .NET 2003(7.1.3088)
 MicroQuill SmartHeap Library 7.1
 File System: NTFS
 System State: Default

Notes/Tuning Information

GENERAL

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

PORTABILITY FLAGS

176.gcc: -Dalloca=_alloca /F10000000
 186.crafty: -DNT_i386
 252.eon: srcalt=stdcpp
 253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

BASE TUNING

C: -fast -Qansi_alias +FDO
 C++: -fast -Qcxx_features +FDO

PEAK TUNING

164.gzip: -fast -Qansi_alias -Oa +FDO
 175.vpr: basepeak=yes
 176.gcc: basepeak=yes
 181.mcf: basepeak=yes
 186.crafty: -fast -Oa +FDO shlw32M.lib
 197.parser: basepeak=yes
 252.eon: -fast +FDO



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Notes/Tuning Information (Continued)

```
253.perlbnk: -fast -Qansi_alias +FDO shlw32M.lib
254.gap:      basepeak=yes
255.vortex   -fast +FDO
256.bzip2:   -fast -Qunroll11 -Oa +FDO
300.twolf:   -fast +FDO shlw32M.lib
```