



CINT2000 Result

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Dell
PowerEdge 2850 (3.6GHz, Intel Xeon)

SPECint2000 = **1522**
SPECint_base2000 = **1443**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	118	1183	118	1182	
175.vpr	1400	142	989	142	989	
176.gcc	1100	59.4	1851	59.4	1851	
181.mcf	1800	159	1133	157	1149	
186.crafty	1000	76.4	1308	75.2	1329	
197.parser	1800	135	1338	135	1338	
252.eon	1300	75.8	1714	63.0	2063	
253.perlbmk	1800	109	1656	96.6	1863	
254.gap	1100	59.4	1853	59.4	1853	
255.vortex	1900	77.0	2468	77.0	2468	
256.bzip2	1500	138	1083	134	1116	
300.twolf	3000	222	1354	169	1779	

Hardware

CPU: Intel Xeon (3.6GHz, 1MB L2, 800MHz bus)
 CPU MHz: 3600
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip (HT Technology disabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 16K(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 2GB ECC DDR2-400 SDRAM
 Disk Subsystem: 1x18.2GB 15K Ultra320 SCSI
 Other Hardware:

Software

Operating System: Windows Enterprise Server 2003
 Compiler: Intel C/C++ Compiler 8.0 (20040318Z)
 Microsoft Visual Studio .NET (7.0.9466)
 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
 253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

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
```