



CINT2000 Result

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Dell
PowerEdge 1750 (3.06 GHz Xeon)

SPECint2000 = **1067**
SPECint_base2000 = **1031**

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Jun-2003 Hardware Avail: Jul-2003 Software Avail: Apr-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	500 1000 1500 2000			
164.gzip	1400	117	1197	117	1201	[Bar chart showing ratio 1201]			
175.vpr	1400	240	584	240	583	[Bar chart showing ratio 583]			
176.gcc	1100	83.5	1317	83.4	1319	[Bar chart showing ratio 1319]			
181.mcf	1800	283	637	278	647	[Bar chart showing ratio 647]			
186.crafty	1000	89.9	1112	89.9	1112	[Bar chart showing ratio 1112]			
197.parser	1800	181	995	181	996	[Bar chart showing ratio 996]			
252.eon	1300	96.3	1350	83.0	1566	[Bar chart showing ratio 1566]			
253.perlbnk	1800	138	1300	134	1348	[Bar chart showing ratio 1348]			
254.gap	1100	73.7	1492	73.7	1492	[Bar chart showing ratio 1492]			
255.vortex	1900	116	1635	116	1635	[Bar chart showing ratio 1635]			
256.bzip2	1500	198	758	192	782	[Bar chart showing ratio 782]			
300.twolf	3000	440	682	369	813	[Bar chart showing ratio 813]			

Hardware

CPU: Intel Pentium Xeon (533 MHz system bus)
 CPU MHz: 3066
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1,2
 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: 4 X 512MB DDR266
 Disk Subsystem: 1 x 17GB Ultra3 Seagate SCSI
 Other Hardware:

Software

Operating System: Windows 2000 Server (SP2)
 Compiler: Intel C++ Compiler 7.1 (20030402Z)
 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.crafy: -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: -QxW -Qipo -O3 +FDO
 C++: -QxW -Qipo -GX -GR

PEAK TUNING

164.gzip: -QxW -Qipo -Oa -O3 +FDO
 175.vpr: -QxW -Qipo -O3 +FDO
 176.gcc: -QxW -Qipo -O3 +FDO
 181.mcf: -QxW -Qipo -O3 +FDO shlw32M.lib
 186.crafty: PASS1= -Qprof_gen PASS2= -Qipo -Qprof_use -QxW -O3
 197.parser: -QxW -Qipo -O3 +FDO
 252.eon: PASS1= -Qprof_gen PASS2= -Qipo -Qprof_use -QxW -O3
 253.perlbnk: -QxW -Qipo -O3 +FDO shlw32M.lib
 254.gap: basepeak=yes



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Notes/Tuning Information (Continued)

```
255.vortex    basepeak=yes
256.bzip2:    -Qipo -Oa -Qunroll1 +FDO
300.twolf:    -Qipo -QxW -O3 -Oa      shlw32M.lib
EXTRA LIBRARIES
shlw32M.lib:  MicroQuill SmartHeap Library 6.01
              www.microquill.com
ONESTEP=YES is set for all benchmarks
```