



CINT2000 Result

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Dell
PowerEdge 1750 (3.2 GHz Xeon, 1MB L3)

SPECint_rate2000 = 28.0
SPECint_rate_base2000 = 26.7

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	113	28.8	2	112	28.9
175.vpr	2	174	18.6	2	175	18.6
176.gcc	2	77.0	33.1	2	77.3	33.0
181.mcf	2	336	12.4	2	336	12.4
186.crafy	2	82.0	28.3	2	82.0	28.3
197.parser	2	156	26.8	2	156	26.7
252.eon	2	92.1	32.7	2	79.5	38.0
253.perlbnk	2	132	31.7	2	123	33.9
254.gap	2	76.3	33.4	2	76.3	33.4
255.vortex	2	104	42.4	2	104	42.4
256.bzip2	2	169	20.6	2	166	21.0
300.twolf	2	266	26.2	2	189	36.9

Hardware

CPU: Intel Pentium Xeon (533 MHz system bus)
 CPU MHz: 3200
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology disabled)
 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: 1024KB(I+D) on chip
 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.crafy: 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
Hyper-Threading Technology disabled in BIOS
```