



CINT2000 Result

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Dell
PowerEdge 1855(3.6 GHz Intel Xeon)

SPECint_rate2000 = 33.4

SPECint_rate_base2000 = 31.8

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	120	27.1	2	120	27.0
175.vpr	2	150	21.6	2	150	21.6
176.gcc	2	63.4	40.3	2	63.4	40.3
181.mcf	2	216	19.4	2	216	19.4
186.crafty	2	76.0	30.5	2	74.8	31.0
197.parser	2	136	30.7	2	136	30.7
252.eon	2	75.5	39.9	2	62.7	48.1
253.perlbnk	2	109	38.4	2	97.6	42.8
254.gap	2	66.8	38.2	2	66.8	38.2
255.vortex	2	77.4	57.0	2	77.4	57.0
256.bzip2	2	146	23.9	2	144	24.1
300.twolf	2	220	31.6	2	168	41.4

Hardware

CPU: Intel Xeon (3.6 GHz, 1MB L2, 800MHz system bus)
CPU MHz: 3600
FPU: Integrated
CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (HT Technology disabled)
CPU(s) orderable: 1,2
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: 4x512MB (dual-ranked) ECC DDR2-400 SDRAM
Disk Subsystem: 1 x 36GB 15000 RPM SCSI
Other Hardware: None

Software

Operating System: Windows 2003 Server, Standard Edition
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.perlbnk: -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.perlbnk: -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
```