



CINT2000 Result

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Dell

PowerEdge 840 (Intel Xeon processor 3050, 2.13GHz)

SPECint_rate2000 = 43.8

SPECint_rate_base2000 = 43.7

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jul-2006 | Hardware Avail: Sep-2006 | Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	107	30.4	2	107	30.4
175.vpr	2	116	28.1	2	112	28.9
176.gcc	2	48.4	52.7	2	48.4	52.7
181.mcf	2	142	29.3	2	142	29.3
186.crafty	2	52.4	44.3	2	52.5	44.2
197.parser	2	116	35.9	2	116	36.0
252.eon	2	46.5	64.8	2	46.6	64.7
253.perlbnk	2	71.8	58.2	2	71.8	58.2
254.gap	2	52.0	49.1	2	51.7	49.4
255.vortex	2	56.8	77.6	2	56.8	77.6
256.bzip2	2	115	30.3	2	116	30.0
300.twolf	2	130	53.6	2	130	53.6

Hardware

CPU: Intel Xeon processor 3050 (1066MHz system bus)
CPU MHz: 2133
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 2048KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4 x 1GB DDR2-667 Dual Ranked SDRAM
Disk Subsystem: 1 x 73GB SAS 10000 RPM
Other Hardware: None

Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-bit)
Compiler: Intel C++ Compiler 9.1 for IA32(20060323Z)
Microsoft Visual Studio .NET 2003(7.1.3088)
MicroQuill SmartHeap Library 8.0
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: -fast +FDO shlw32m.lib
C++: -fast -Qcxx_features +FDO

PEAK TUNING

164.gzip: -fast +FDO
175.vpr: -fast +FDO
176.gcc: basepeak=yes
181.mcf: basepeak=yes
186.crafty: -fast -Oa +FDO shlw32m.lib
197.parser: -fast +FDO
252.eon: -fast +FDO
253.perlbnk: basepeak=yes



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Notes/Tuning Information (Continued)

254.gap: -fast +FDO
255.vortex basepeak=yes
256.bzip2: -fast -Qunroll11 -Oa +FDO
300.twolf: basepeak=yes