



CINT2000 Result

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Dell

PowerEdge 840 (Intel Xeon processor 3060, 2.40GHz)

SPECint_rate2000 = 54.0

SPECint_rate_base2000 = 53.9

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	95.3	34.1	2	95.4	34.1
175.vpr	2	84.5	38.4	2	83.0	39.2
176.gcc	2	41.2	62.0	2	41.2	62.0
181.mcf	2	76.2	54.8	2	76.2	54.8
186.crafty	2	45.8	50.7	2	45.8	50.6
197.parser	2	96.3	43.4	2	96.0	43.5
252.eon	2	41.4	72.9	2	41.4	72.8
253.perlbnk	2	62.2	67.1	2	62.2	67.1
254.gap	2	46.3	55.1	2	46.0	55.5
255.vortex	2	47.8	92.2	2	47.8	92.2
256.bzip2	2	90.6	38.4	2	90.7	38.4
300.twolf	2	109	63.6	2	109	63.6

Hardware

CPU: Intel Xeon processor 3060 (1066MHz system bus)
CPU MHz: 2400
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: 4096KB(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