



CINT2000 Result

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Dell

PowerEdge 1955 (Intel Xeon processor 5150, 2.66GHz)

SPECint_rate2000 = 106

SPECint_rate_base2000 = 105

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	86.7	74.9	4	86.8	74.8
175.vpr	4	80.8	80.4	4	79.6	81.6
176.gcc	4	48.2	106	4	48.2	106
181.mcf	4	89.5	93.4	4	89.5	93.4
186.crafty	4	41.1	113	4	41.1	113
197.parser	4	102	81.8	4	102	81.9
252.eon	4	37.3	162	4	37.3	162
253.perlbnk	4	58.8	142	4	58.8	142
254.gap	4	63.1	80.9	4	62.9	81.1
255.vortex	4	49.5	178	4	49.5	178
256.bzip2	4	95.6	72.8	4	95.5	72.9
300.twolf	4	98.1	142	4	98.1	142

Hardware

CPU: Intel Xeon processor 5150 (1333MHz system bus)
CPU MHz: 2666
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 4096KB(I+D) on chip, shared
L3 Cache: N/A
Other Cache: N/A
Memory: 8 x 1GB 667MHz ECC CL5 DDR2 FB-DIMM
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