



CINT2000 Result

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Dell

Precision Workstation 690 (Intel Xeon processor 5130, 2.00 GHz)

SPECint_rate2000 = 44.6

SPECint_rate_base2000 = 44.5

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	114	28.4	2	114	28.4
175.vpr	2	99.3	32.7	2	97.6	33.3
176.gcc	2	52.0	49.0	2	52.0	49.0
181.mcf	2	88.5	47.2	2	88.5	47.2
186.crafty	2	55.0	42.2	2	55.1	42.1
197.parser	2	117	35.6	2	117	35.7
252.eon	2	49.8	60.6	2	49.8	60.5
253.perlbnk	2	74.7	55.9	2	74.7	55.9
254.gap	2	58.0	44.0	2	56.6	45.1
255.vortex	2	59.8	73.7	2	59.8	73.7
256.bzip2	2	109	32.0	2	110	31.7
300.twolf	2	131	53.0	2	131	53.0

Hardware

CPU: Intel Xeon processor 5130 (1333 MHz system bus)
CPU MHz: 2000
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 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
L3 Cache: N/A
Other Cache: N/A
Memory: 8 x 1024MB 667MHz ECC CL5 FB-DIMM DDR2 SDRAM
Disk Subsystem: 1 x 73GB SAS 10K RPM
Other Hardware:

Software

Operating System: Windows XP Professional x64 Edition
Compiler: Intel C++ Compiler 9.1 for IA32(20060519Z)
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