



CINT2000 Result

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Dell

Precision Workstation 690 (Intel Xeon processor 5120, 1.86 GHz)

SPECint_rate2000 = 41.2

SPECint_rate_base2000 = 41.1

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	123	26.5	2	123	26.5
175.vpr	2	108	30.0	2	106	30.5
176.gcc	2	56.0	45.6	2	56.0	45.6
181.mcf	2	99.6	41.9	2	99.6	41.9
186.crafty	2	58.8	39.4	2	58.9	39.4
197.parser	2	127	32.9	2	126	33.0
252.eon	2	53.3	56.5	2	53.4	56.5
253.perlbnk	2	80.5	51.9	2	80.5	51.9
254.gap	2	61.9	41.2	2	61.3	41.6
255.vortex	2	65.2	67.7	2	65.2	67.7
256.bzip2	2	121	28.9	2	121	28.8
300.twolf	2	141	49.5	2	141	49.5

Hardware

CPU: Intel Xeon processor 5120 (1066 MHz system bus)
CPU MHz: 1866
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 512MB 533MHz ECC CL4 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