



CINT2000 Result

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Dell

Precision Workstation 690 (Intel Xeon processor 5150, 2.66 GHz)

SPECint_rate2000 = 112

SPECint_rate_base2000 = 111

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	4	86.6	75.0	4	86.6	75.0
175.vpr	4	81.5	79.7	4	80.3	80.9
176.gcc	4	43.4	118	4	43.4	118
181.mcf	4	85.3	97.9	4	85.3	97.9
186.crafty	4	41.1	113	4	41.2	113
197.parser	4	92.3	90.5	4	92.0	90.8
252.eon	4	37.3	162	4	37.4	161
253.perlbnk	4	57.2	146	4	57.2	146
254.gap	4	48.2	106	4	48.3	106
255.vortex	4	48.9	180	4	48.9	180
256.bzip2	4	89.0	78.2	4	85.3	81.6
300.twolf	4	98.3	142	4	98.3	142

Hardware

CPU: Intel Xeon processor 5150 (1333 MHz 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
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