



CINT2000 Result

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Dell

Precision Workstation 390 (Intel Core 2 Extreme processor X6800, 2.93 GHz)

SPECint_rate2000 = 63.6

SPECint_rate_base2000 = 63.5

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	78.6	41.3	2	78.8	41.2
175.vpr	2	73.4	44.3	2	72.4	44.9
176.gcc	2	34.5	73.9	2	34.5	73.9
181.mcf	2	73.8	56.6	2	73.8	56.6
186.crafty	2	37.6	61.8	2	37.6	61.7
197.parser	2	80.7	51.8	2	80.6	51.8
252.eon	2	34.0	88.6	2	34.0	88.7
253.perlbnk	2	51.0	81.9	2	51.0	81.9
254.gap	2	40.7	62.7	2	40.3	63.4
255.vortex	2	40.4	109	2	40.4	109
256.bzip2	2	76.9	45.3	2	77.0	45.2
300.twolf	2	89.9	77.4	2	89.9	77.4

Hardware

CPU: Intel Core 2 Extreme processor X6800 (1066 MHz system bus)
CPU MHz: 2933
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 1024MB 533MHz non-ECC CL4 DDR2 SDRAM
Disk Subsystem: 1 x 80GB SATA 7200 RPM
Other Hardware:

Software

Operating System: Windows XP Professional SP2
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