



CINT2000 Result

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Dell

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

SPECint2000 = 3119

SPECint_base2000 = 3108

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	77.1	1816	77.1	1817	
175.vpr	1400	62.1	2254	60.8	2305	
176.gcc	1100	31.2	3525	31.2	3525	
181.mcf	1800	36.6	4921	36.6	4921	
186.crafty	1000	37.4	2674	37.4	2673	
197.parser	1800	74.0	2432	73.7	2444	
252.eon	1300	34.0	3824	34.1	3816	
253.perlbmk	1800	49.1	3666	49.1	3666	
254.gap	1100	37.0	2977	36.3	3032	
255.vortex	1900	36.0	5280	36.0	5280	
256.bzip2	1500	63.7	2354	63.7	2353	
300.twolf	3000	88.5	3390	88.5	3390	

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.perlbmk: -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.perlbmk: 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