



CINT2000 Result

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Dell

Precision Workstation 390 (Intel Core 2 Duo processor E6300, 1.86 GHz)

SPECint2000 = 1944

SPECint_base2000 = 1939

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	120	1165	120	1164	
175.vpr	1400	98.3	1424	96.2	1455	
176.gcc	1100	48.8	2254	48.8	2254	
181.mcf	1800	70.1	2566	70.1	2566	
186.crafty	1000	58.8	1700	58.9	1698	
197.parser	1800	119	1515	118	1519	
252.eon	1300	53.4	2433	53.6	2425	
253.perlbmk	1800	78.1	2305	78.1	2305	
254.gap	1100	54.8	2007	53.8	2043	
255.vortex	1900	56.4	3369	56.4	3369	
256.bzip2	1500	108	1395	108	1392	
300.twolf	3000	139	2157	139	2157	

Hardware

CPU: Intel Core 2 Duo processor E6300 (1066 MHz system bus)
CPU MHz: 1866
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: 2048KB(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