



CINT2000 Result

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Dell

Precision Workstation 390 (Intel Core 2 Extreme QX6700, 2.66 GHz)

SPECint2000 = 2837

SPECint_base2000 = 2829

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	84.7	1653	84.8	1652	
175.vpr	1400	68.2	2053	66.7	2098	
176.gcc	1100	34.3	3209	34.3	3209	
181.mcf	1800	39.8	4519	39.8	4519	
186.crafty	1000	41.2	2426	41.3	2424	
197.parser	1800	81.3	2215	81.1	2220	
252.eon	1300	37.4	3477	37.5	3471	
253.perlbmk	1800	54.4	3310	54.4	3310	
254.gap	1100	40.1	2742	39.6	2780	
255.vortex	1900	39.6	4795	39.6	4795	
256.bzip2	1500	70.2	2136	70.4	2131	
300.twolf	3000	97.6	3075	97.6	3075	

Hardware

CPU: Intel Core 2 Quad Extreme processor QX6700 (1066 MHz system bus)
 CPU MHz: 2666
 FPU: Integrated
 CPU(s) enabled: 4 cores, 1 chip, 4 cores/chip
 CPU(s) orderable: 1
 Parallel: No
 Primary Cache: 32 KB I + 32 KB D on chip per core
 Secondary Cache: 8 MB I+D on chip, per chip (4 MB shared per 2 cores)
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4 GB (4 x 1 GB 667 MHz ECC CL5 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