



CINT2000 Result

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Dell

Precision Workstation 690 (Intel® Xeon® processor 5080, 3.73 GHz)

SPECint2000 = 1813

SPECint_base2000 = 1813

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	109	1286	110	1270	[Bar chart showing ratio]			
175.vpr	1400	115	1218	114	1228	[Bar chart showing ratio]			
176.gcc	1100	50.0	2199	50.0	2199	[Bar chart showing ratio]			
181.mcf	1800	93.9	1917	93.9	1917	[Bar chart showing ratio]			
186.crafty	1000	71.1	1406	71.0	1408	[Bar chart showing ratio]			
197.parser	1800	116	1545	116	1549	[Bar chart showing ratio]			
252.eon	1300	51.3	2534	51.1	2543	[Bar chart showing ratio]			
253.perlbmk	1800	80.4	2240	80.4	2240	[Bar chart showing ratio]			
254.gap	1100	53.8	2047	53.7	2048	[Bar chart showing ratio]			
255.vortex	1900	64.4	2950	64.4	2950	[Bar chart showing ratio]			
256.bzip2	1500	112	1336	112	1334	[Bar chart showing ratio]			
300.twolf	3000	156	1917	156	1917	[Bar chart showing ratio]			

Hardware

CPU: Intel® Xeon® processor 5080 (1066 MHz system bus)
CPU MHz: 3733
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 12K(I) micro-ops + 16KB(D) on chip, per core
Secondary Cache: 2048KB(I+D) on chip, per core
L3 Cache: N/A
Other Cache: N/A
Memory: 4 x 512MB 533MHz ECC CL4 DDR2 FB-DIMM
Disk Subsystem: 1 x 73GB SAS 10K RPM
Other Hardware:

Software

Operating System: Windows XP Professional SP2
Compiler: Intel C/C++ Compiler 9.1 for IA32(20060323Z)
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