



CINT2000 Result

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Dell

Precision Workstation 690 (Intel Xeon processor 5130, 2.00 GHz)

SPECint_rate2000 = 88.7

SPECint_rate_base2000 = 88.7

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

| Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|-------------|-------------|--------------|------------|--------|---------|-------|
| 164.gzip | 4 | 115 | 56.6 | 4 | 115 | 56.5 |
| 175.vpr | 4 | 101 | 64.5 | 4 | 99.1 | 65.5 |
| 176.gcc | 4 | 51.0 | 100 | 4 | 51.0 | 100 |
| 181.mcf | 4 | 93.4 | 89.4 | 4 | 93.4 | 89.4 |
| 186.crafty | 4 | 55.0 | 84.4 | 4 | 55.0 | 84.3 |
| 197.parser | 4 | 118 | 70.9 | 4 | 117 | 71.1 |
| 252.eon | 4 | 49.8 | 121 | 4 | 49.8 | 121 |
| 253.perlbnk | 4 | 74.9 | 111 | 4 | 74.9 | 111 |
| 254.gap | 4 | 57.8 | 88.3 | 4 | 58.4 | 87.4 |
| 255.vortex | 4 | 60.2 | 147 | 4 | 60.2 | 147 |
| 256.bzip2 | 4 | 106 | 65.4 | 4 | 107 | 65.3 |
| 300.twolf | 4 | 131 | 106 | 4 | 131 | 106 |

Hardware

CPU: Intel Xeon processor 5130 (1333 MHz system bus)
 CPU MHz: 2000
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
 CPU(s) orderable: 1,2
 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: 8 x 1024MB 667MHz ECC CL5 FB-DIMM DDR2 SDRAM
 Disk Subsystem: 1 x 73GB SAS 10K RPM
 Other Hardware:

Software

Operating System: Windows XP Professional x64 Edition
 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