



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Dell

Precision Workstation 690 (Intel® Xeon® processor 5160, 3.0 GHz)

SPECint2000 = 3063

SPECint_base2000 = 3057

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

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio | |
|-------------|----------------|--------------|------------|---------|-------|--|
| 164.gzip | 1400 | 75.6 | 1852 | 75.6 | 1851 | |
| 175.vpr | 1400 | 64.5 | 2171 | 63.1 | 2218 | |
| 176.gcc | 1100 | 33.1 | 3319 | 33.1 | 3319 | |
| 181.mcf | 1800 | 42.3 | 4254 | 42.3 | 4254 | |
| 186.crafty | 1000 | 36.6 | 2733 | 36.6 | 2729 | |
| 197.parser | 1800 | 73.4 | 2451 | 73.3 | 2457 | |
| 252.eon | 1300 | 33.1 | 3923 | 33.2 | 3921 | |
| 253.perlbmk | 1800 | 49.2 | 3660 | 49.2 | 3660 | |
| 254.gap | 1100 | 36.5 | 3016 | 36.3 | 3031 | |
| 255.vortex | 1900 | 38.3 | 4957 | 38.3 | 4957 | |
| 256.bzip2 | 1500 | 63.7 | 2356 | 63.8 | 2351 | |
| 300.twolf | 3000 | 86.7 | 3459 | 86.7 | 3459 | |

Hardware

CPU: Intel® Xeon® processor 5160 (1333 MHz system bus)
 CPU MHz: 3000
 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 CL5 DDR2 FB-DIMM
 Disk Subsystem: 1 x 73 GB SAS 10K RPM
 Other Hardware:

Software

Operating System: Windows XP Professional x64 Edition SP1
 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



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Dell

Precision Workstation 690 (Intel® Xeon® processor 5160, 3.0 GHz)

SPECint2000 = 3063

SPECint_base2000 = 3057

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

Notes/Tuning Information (Continued)

254.gap: -fast +FDO
255.vortex basepeak=yes
256.bzip2: -fast -Qunroll11 -Oa +FDO
300.twolf: basepeak=yes