



CINT2000 Result

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Dell Inc.
PowerEdge 1850 (3.6Ghz Intel Xeon)

SPECint2000 = 1729
SPECint_base2000 = 1725

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Dec-2005 Hardware Avail: Feb-2005 Software Avail: Oct-2005

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio | |
|-------------|----------------|--------------|------------|---------|-------|--|
| 164.gzip | 1400 | 119 | 1178 | 118 | 1190 | |
| 175.vpr | 1400 | 119 | 1175 | 118 | 1185 | |
| 176.gcc | 1100 | 52.5 | 2093 | 52.5 | 2093 | |
| 181.mcf | 1800 | 95.5 | 1885 | 95.5 | 1885 | |
| 186.crafty | 1000 | 74.8 | 1337 | 75.0 | 1332 | |
| 197.parser | 1800 | 123 | 1468 | 123 | 1469 | |
| 252.eon | 1300 | 57.0 | 2281 | 56.7 | 2291 | |
| 253.perlbmk | 1800 | 84.0 | 2144 | 84.0 | 2144 | |
| 254.gap | 1100 | 57.3 | 1919 | 56.8 | 1937 | |
| 255.vortex | 1900 | 66.0 | 2881 | 66.0 | 2881 | |
| 256.bzip2 | 1500 | 115 | 1307 | 115 | 1306 | |
| 300.twolf | 3000 | 164 | 1826 | 164 | 1826 | |

Hardware

CPU: Intel Xeon (3.6Ghz, 2MB L2, 800MHz system bus)
CPU MHz: 3600
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 12K(I) micro-ops + 16KB(D) on chip
Secondary Cache: 2048KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4x1GB (single-ranked) ECC DDR2-400 SDRAM
Disk Subsystem: 1 x 36GB 15000RPM SCSI
Other Hardware: None

Software

Operating System: Windows Server 2003, Standard Edition, Service Pack 1
Compiler: Intel C/C++ Compiler 9.0 for IA32(20051020Z)
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 shlw32m.lib

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