



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Dell Inc.
PowerEdge 1850 (3.2Ghz Intel Xeon)

SPECint2000 = 1555
SPECint_base2000 = 1551

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	133	1050	132	1061	
175.vpr	1400	132	1062	130	1075	
176.gcc	1100	58.5	1881	58.5	1881	
181.mcf	1800	102	1762	102	1762	
186.crafty	1000	84.2	1188	84.4	1185	
197.parser	1800	137	1316	137	1315	
252.eon	1300	64.1	2028	63.9	2036	
253.perlbmk	1800	94.0	1914	94.0	1914	
254.gap	1100	63.5	1731	63.1	1743	
255.vortex	1900	72.9	2607	72.9	2607	
256.bzip2	1500	127	1183	127	1182	
300.twolf	3000	185	1623	185	1623	

Hardware

CPU: Intel Xeon (3.2Ghz, 2MB L2, 800MHz system bus)
 CPU MHz: 3200
 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



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Dell Inc.
PowerEdge 1850 (3.2Ghz Intel Xeon)

SPECint2000 =	1555
SPECint_base2000 =	1551

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

Notes/Tuning Information (Continued)

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