



CINT2000 Result

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Dell Inc.
PowerEdge 1800SC (3.6Ghz Intel Xeon)

SPECint2000 = 1718
SPECint_base2000 = 1697

SPEC license #: 55 Tested by: Dell Inc., Round Rock, TX Test date: Jan-2005 Hardware Avail: Feb-2005 Software Avail: Oct-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	116	1203	117	1193	
175.vpr	1400	115	1216	115	1216	
176.gcc	1100	54.2	2031	54.2	2031	
181.mcf	1800	92.9	1939	92.9	1939	
186.crafty	1000	74.8	1336	74.5	1342	
197.parser	1800	122	1473	122	1473	
252.eon	1300	58.2	2233	58.0	2243	
253.perlbnk	1800	97.5	1846	86.0	2094	
254.gap	1100	57.2	1923	57.2	1923	
255.vortex	1900	68.1	2788	68.1	2789	
256.bzip2	1500	117	1278	117	1285	
300.twolf	3000	169	1779	166	1805	

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 (Hyper-Threading Technology disabled)
CPU(s) orderable: 1
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: 4x2048MB (dual-ranked) ECC DDR2-400 SDRAM
Disk Subsystem: 1 x 18GB 15000RPM SCSI
Other Hardware: None

Software

Operating System: Windows 2003 Server, Standard Edition
Compiler: Intel C/C++ Compiler 8.1 (20041019Z)
Intel Fortran Compiler 8.1 (20041019Z)
Microsoft Visual Studio .NET 2003(7.1.3088)
MicroQuill SmartHeap Library 7.1
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
252.eon: Approved src.alt stdcpp
253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

BASE TUNING

C: -fast -QxP -Qansi_alias +FDO
C++: -QxP -Qipo -Qcxx_features +FDO

PEAK TUNING

164.gzip: -fast -QxP -Qansi_alias -Oa +FDO
175.vpr: basepeak=yes
176.gcc: basepeak=yes
181.mcf: basepeak=yes
186.crafty: -fast -QxP -Oa +FDO shlw32M.lib
197.parser: basepeak=yes
252.eon: -fast -QxP +FDO



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Notes/Tuning Information (Continued)

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253.perlbnk: -fast -QxP -Qansi_alias +FDO shlw32M.lib
254.gap:      basepeak=yes
255.vortex   -fast -QxP +FDO
256.bzip2:   -fast -QxP -Qunroll11 -Oa +FDO
300.twolf:   -fast -QxP +FDO shlw32M.lib
```