



CINT2000 Result

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Dell
PowerEdge 1850 (2.8GHz Intel dual-core Xeon)

SPECint_rate2000 = **58.5**
SPECint_rate_base2000 = **56.9**

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Aug-2005 | Hardware Avail: Oct-2005 | Software Avail: Nov-2004

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	227	57.2	8	231	56.3
175.vpr	8	338	38.4	8	338	38.4
176.gcc	8	127	80.4	8	127	80.4
181.mcf	8	663	25.2	8	663	25.2
186.crafty	8	192	48.4	8	192	48.2
197.parser	8	274	61.1	8	274	61.1
252.eon	8	151	79.8	8	151	80.0
253.perlbnk	8	259	64.5	8	241	69.4
254.gap	8	170	59.9	8	170	59.9
255.vortex	8	185	95.5	8	185	95.4
256.bzip2	8	277	50.3	8	275	50.6
300.twolf	8	476	58.5	8	362	76.9

Hardware

CPU: Intel dual-core Xeon (2.8GHz, 2x2MB L2, 800MHz system bus)
CPU MHz: 2800
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12KB(I) + 16KB(D) on chip, per core
Secondary Cache: 2048KB(I+D) on chip, per core
L3 Cache: N/A
Other Cache: N/A
Memory: 4x2GB (dual-ranked) ECC 400MHz DDR2 SDRAM
Disk Subsystem: 1 x 36GB 15000RPM SCSI
Other Hardware: None

Software

Operating System: Windows 2003 Server, Standard Edition, Service Pack 1
Compiler: Intel C/C++ Compiler 8.1 for IA32(20041119Z)
Microsoft Visual Studio .NET 2003(7.1.3088, for libraries)
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: srcalt=stdcpp
253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

BASE TUNING

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

PEAK TUNING

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



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Notes/Tuning Information (Continued)

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