



CINT2000 Result

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Dell
PowerEdge 2950 (3.73GHz Intel Xeon processor 5080)

SPECint_rate2000 = 81.0
SPECint_rate_base2000 = 80.5

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Feb-2006 | Hardware Avail: May-2006 | Software Avail: Nov-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	175	74.2	8	171	75.9
175.vpr	8	257	50.6	8	250	51.9
176.gcc	8	90.7	113	8	90.7	113
181.mcf	8	427	39.2	8	427	39.2
186.crafty	8	143	65.0	8	142	65.2
197.parser	8	203	82.3	8	203	82.4
252.eon	8	111	108	8	111	109
253.perlbnk	8	176	94.8	8	176	94.8
254.gap	8	113	90.3	8	111	91.6
255.vortex	8	133	132	8	133	132
256.bzip2	8	209	66.7	8	208	67.0
300.twolf	8	273	102	8	273	102

Hardware

CPU: Intel Xeon Processor 5080 (3.73GHz, 2x2MB L2, 1066MHz system bus)
 CPU MHz: 3730
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 16KB(D) on chip, per core
 Secondary Cache: 2048KB(I+D) on chip, per core
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8GB
 Disk Subsystem: 1 x 80G SATA
 Other Hardware: None

Software

Operating System: Windows Server 2003, Enterprise 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.perlbnk: -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.perlbnk: 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
BIOS SETTINGS
  Enabled 'Snoop Filter' in BIOS
```