



CINT2000 Result

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Dell

PowerEdge 1950 (Intel Xeon processor 5060, 3.20GHz)

SPECint_rate2000 = 73.2

SPECint_rate_base2000 = 73.0

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	200	64.9	8	204	63.8
175.vpr	8	280	46.4	8	267	48.6
176.gcc	8	102	100	8	102	100
181.mcf	8	379	44.1	8	379	44.1
186.crafty	8	169	54.8	8	172	53.9
197.parser	8	233	71.7	8	232	72.1
252.eon	8	112	107	8	112	108
253.perlbnk	8	207	80.7	8	207	80.7
254.gap	8	128	79.9	8	127	80.2
255.vortex	8	158	111	8	158	111
256.bzip2	8	221	63.0	8	219	63.5
300.twolf	8	308	90.4	8	308	90.4

Hardware

CPU: Intel Xeon processor 5060 (1066MHz system bus)
 CPU MHz: 3200
 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: 8 x 1GB 533MHz ECC CL4 DDR2 FB-DIMM
 Disk Subsystem: 1 x 80GB SATA 7200 RPM
 Other Hardware: None

Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-bit)
 Compiler: Intel C++ Compiler 9.1 for IA32(20060323Z)
 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
Snoop Filter enabled in BIOS
```