CINT2000 Result

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Dell

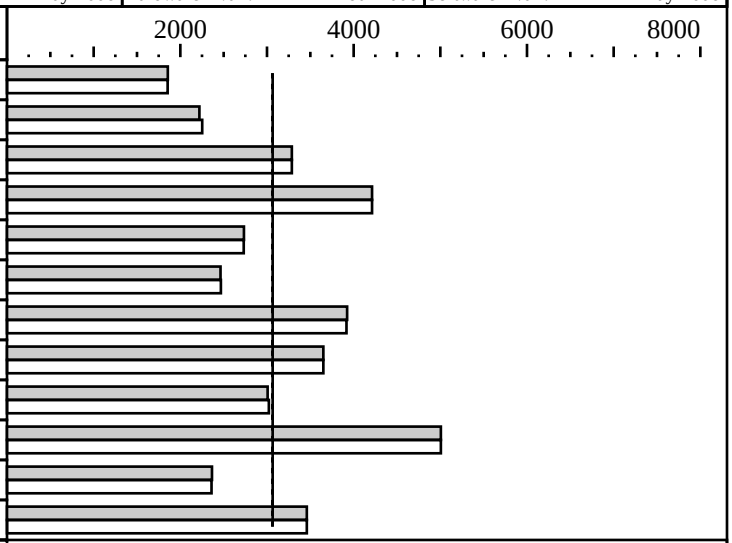
PowerEdge 1950 (Intel Xeon processor 5160, 3.00GHz)

SPECint2000 = 3065

SPECint_base2000 = 3061

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	75.5	1855	75.5	1854
175.vpr	1400	63.1	2220	62.2	2252
176.gcc	1100	33.5	3287	33.5	3287
181.mcf	1800	42.7	4212	42.7	4212
186.crafty	1000	36.6	2734	36.6	2731
197.parser	1800	73.1	2464	72.9	2468
252.eon	1300	33.1	3925	33.2	3917
253.perlbmk	1800	49.3	3650	49.3	3650
254.gap	1100	36.6	3007	36.4	3021
255.vortex	1900	38.0	5006	38.0	5006
256.bzip2	1500	63.4	2365	63.6	2360
300.twolf	3000	86.7	3459	86.7	3459



Hardware

CPU:	Intel Xeon processor 5160 (1333MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	4096KB(I+D) on chip, shared
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 x 1GB 667MHz ECC CL5 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.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
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
```

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Notes/Tuning Information (Continued)

```
    254.gap:      -fast +FDO
    255.vortex    basepeak=yes
    256.bzip2:    -fast -Qunroll1 -Oa +FDO
    300.twolf:    basepeak=yes
  BIOS SETTINGS
    Snoop Filter enabled in BIOS
```