CINT2000 Result

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Dell

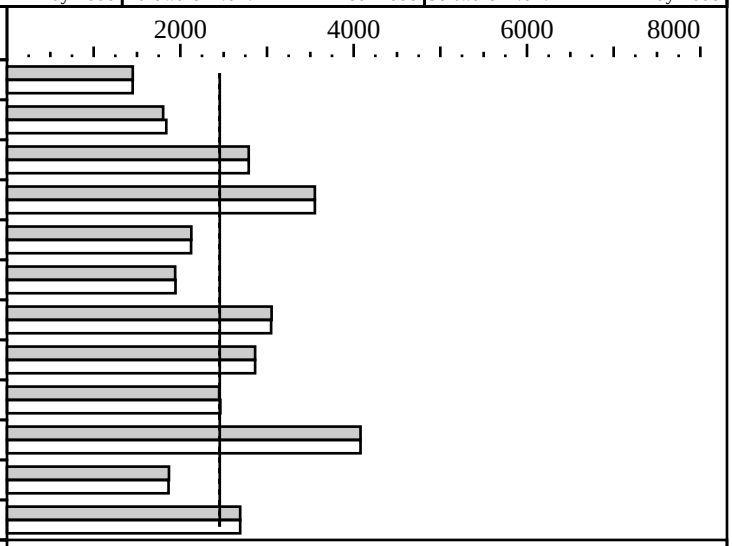
PowerEdge 1950 (Intel Xeon processor 5140, 2.33GHz)

SPECint2000 = 2455

SPECint_base2000 = 2451

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	96.5	1451	96.5	1450
175.vpr	1400	77.7	1802	76.2	1838
176.gcc	1100	39.4	2789	39.4	2789
181.mcf	1800	50.7	3552	50.7	3552
186.crafty	1000	47.0	2127	47.1	2124
197.parser	1800	92.8	1940	92.6	1944
252.eon	1300	42.6	3053	42.7	3048
253.perlbmk	1800	62.9	2863	62.9	2863
254.gap	1100	44.9	2448	44.7	2462
255.vortex	1900	46.6	4079	46.6	4079
256.bzip2	1500	80.3	1869	80.5	1864
300.twolf	3000	112	2691	112	2691



Hardware

CPU:	Intel Xeon processor 5140 (1333MHz system bus)
CPU MHz:	2333
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
```