CINT2000 Result

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Dell

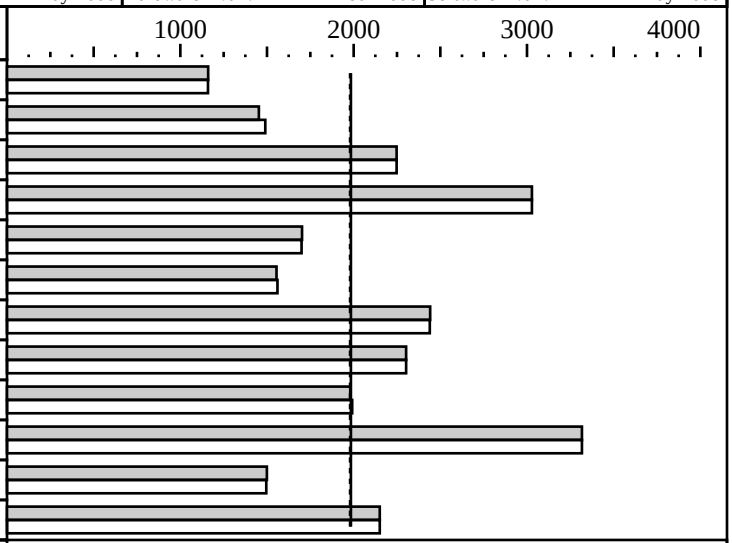
PowerEdge 1950 (Intel Xeon processor 5120, 1.86GHz)

SPECint2000 = 1984

SPECint_base2000 = 1979

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	121	1161	121	1160
175.vpr	1400	96.3	1453	94.0	1490
176.gcc	1100	48.9	2248	48.9	2248
181.mcf	1800	59.4	3028	59.4	3028
186.crafty	1000	58.8	1702	58.8	1699
197.parser	1800	116	1555	115	1560
252.eon	1300	53.3	2441	53.3	2439
253.perlbmk	1800	78.2	2303	78.2	2303
254.gap	1100	55.5	1980	55.2	1991
255.vortex	1900	57.3	3317	57.3	3317
256.bzip2	1500	100	1499	100	1496
300.twolf	3000	140	2151	140	2151



Hardware

CPU:	Intel Xeon processor 5120 (1066MHz system bus)
CPU MHz:	1866
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
```