CINT2000 Result

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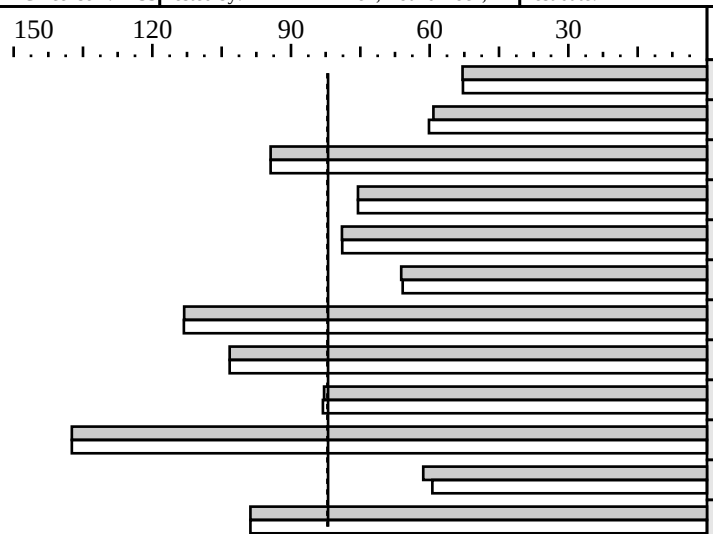
Dell

PowerEdge 1950 (Intel Xeon processor 5120, 1.86GHz)

SPECint_rate2000 = 82.0

SPECint_rate_base2000 = 82.1

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	123	52.9	4	123	52.8
175.vpr	4	110	59.2	4	108	60.1
176.gcc	4	54.1	94.4	4	54.1	94.4
181.mcf	4	111	75.5	4	111	75.5
186.crafty	4	58.8	79.0	4	58.8	78.9
197.parser	4	126	66.2	4	127	65.8
252.eon	4	53.3	113	4	53.3	113
253.perlbmk	4	80.9	103	4	80.9	103
254.gap	4	61.6	82.8	4	61.4	83.1
255.vortex	4	64.2	137	4	64.2	137
256.bzip2	4	113	61.4	4	117	59.4
300.twolf	4	141	98.8	4	141	98.8

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
```