CINT2000 Result

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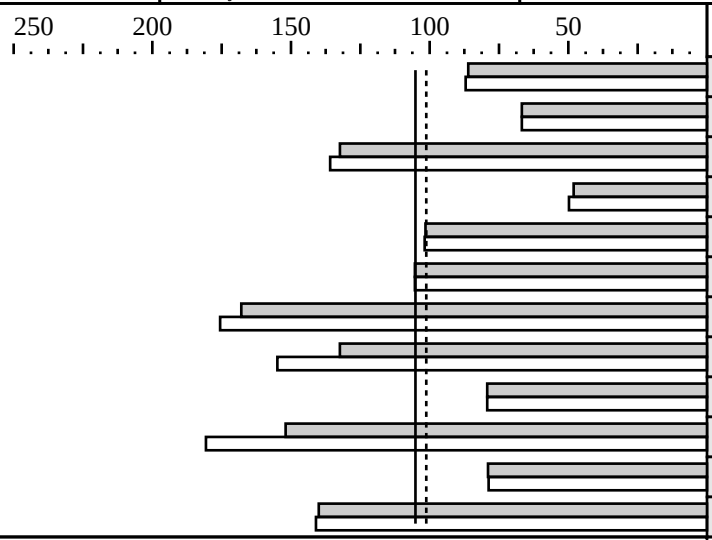
Dell

PowerEdge 6850 (3.0GHz Intel Xeon Processor 7040)

SPECint_rate2000 = 105

SPECint_rate_base2000 = 101

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Oct-2005 | Hardware Avail: Nov-2005 | Software Avail: Aug-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	151	86.1	8	149	87.0
175.vpr	8	195	66.8	8	195	66.8
176.gcc	8	77.1	132	8	75.1	136
181.mcf	8	347	48.1	8	336	49.8
186.crafty	8	91.4	102	8	91.2	102
197.parser	8	159	105	8	159	105
252.eon	8	71.8	168	8	68.7	176
253.perlbmk	8	126	132	8	108	155
254.gap	8	129	79.2	8	129	79.2
255.vortex	8	116	152	8	97.6	181
256.bzip2	8	176	79.0	8	177	78.7
300.twolf	8	199	140	8	197	141

Hardware

CPU:	Intel Xeon processor 7040 (3.0GHz, 2x2MB L2, 667MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	8 cores, 4 chips, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2,3,4
Parallel:	No
Primary Cache:	12KB(I) + 16KB(D) on chip, per core
Secondary Cache:	2048KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8x2GB (dual-ranked) ECC 400MHz DDR2 SDRAM
Disk Subsystem:	1 x 36GB 15000RPM SCSI
Other Hardware:	None

Software

Operating System:	Windows Server 2003, Enterprise Edition, Service Pack 1
Compiler:	Intel C/C++ Compiler 9.0 for IA32 (20050809) Microsoft Visual Studio .NET 2003(7.1.3088, for libraries) MicroQuill SmartHeap Library 7.1
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 -Qansi_alias +FDO
  C++:         -fast -Qcxx_features +FDO
PEAK TUNING
  164.gzip:    -fast +FDO
  175.vpr:     basepeak=yes
  176.gcc:     -fast +FDO shlW32M.lib
  181.mcf:     -fast +FDO shlW32M.lib
  186.crafty:  -fast -Oa +FDO shlW32M.lib
  197.parser:  basepeak=yes
  252.eon:     -fast +FDO
  253.perlbmk: -fast -Qansi_alias +FDO shlW32M.lib
```

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Notes/Tuning Information (Continued)

```
    254.gap:     basepeak=yes
    255.vortex   -fast +FDO shlW32M.lib
    256.bzip2:   -fast -Qunroll1 -Oa +FDO
    300.twolf:   -fast +FDO shlW32M.lib
This result was measured on the Dell PowerEdge 6800.
The PowerEdge 6800 and PowerEdge 6850 are electronically equivalent.
```