CINT2000 Result

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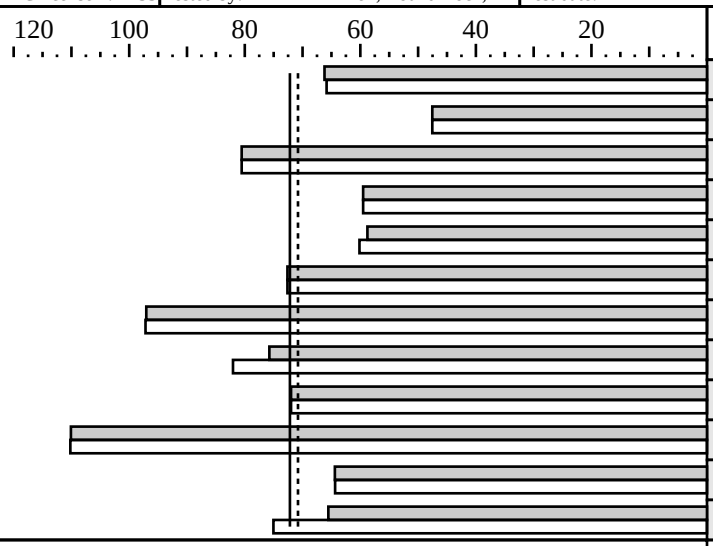
Dell
PowerEdge 6850 (3.33GHz Intel Xeon)

SPECint_rate2000 = 72.2

SPECint_rate_base2000 = 70.8

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Mar-2005 | Hardware Avail: Mar-2005 | Software Avail: Nov-2004



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	196	66.2	8	197	65.8
175.vpr	8	273	47.5	8	273	47.5
176.gcc	8	127	80.5	8	127	80.5
181.mcf	8	281	59.5	8	281	59.5
186.crafty	8	158	58.8	8	154	60.1
197.parser	8	230	72.6	8	230	72.6
252.eon	8	124	97.0	8	124	97.2
253.perlbmk	8	221	75.7	8	204	82.0
254.gap	8	142	72.0	8	142	72.0
255.vortex	8	160	110	8	160	110
256.bzip2	8	216	64.4	8	216	64.4
300.twolf	8	425	65.5	8	371	75.0

Hardware

CPU:	Intel Xeon (3.33GHz, 1MB L2, 8MB L3, 667MHz system bus)
CPU MHz:	3330
FPU:	Integrated
CPU(s) enabled:	4 cores, 4 chips, 1 core/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2,3,4
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	8192KB(I+D) on chip
Other Cache:	N/A
Memory:	8x2GB (dual-ranked) ECC DDR2-400 SDRAM
Disk Subsystem:	1 x 36GB 15000RPM SCSI
Other Hardware:	None

Software

Operating System:	Windows 2003 Server, Enterprise Edition
Compiler:	Intel C/C++ Compiler 8.1 (20041119Z) 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
  252.eon:     srcalt=stdcpp
  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 -Qansi_alias -Oa +FDO
  175.vpr:     basepeak=yes
  176.gcc:     basepeak=yes
  181.mcf:     basepeak=yes
  186.crafty:  -fast -Oa +FDO shlW32M.lib
  197.parser:  basepeak=yes
  252.eon:     -fast +FDO
```

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Notes/Tuning Information (Continued)

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