CINT2000 Result

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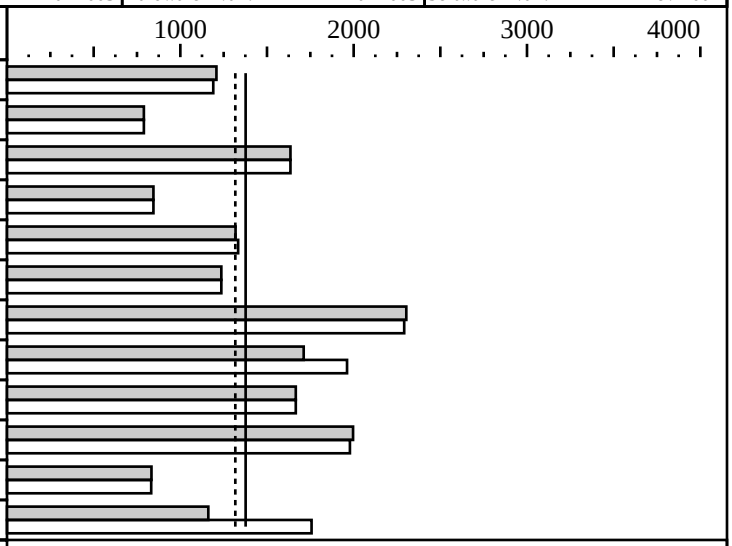
Dell
PowerEdge 6850 (3.66GHz Intel Xeon)

SPECint2000 = 1377

SPECint_base2000 = 1317

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	116	1208	118	1190
175.vpr	1400	177	790	177	790
176.gcc	1100	67.3	1635	67.3	1635
181.mcf	1800	213	845	213	845
186.crafty	1000	75.8	1319	75.0	1334
197.parser	1800	146	1237	146	1237
252.eon	1300	56.4	2304	56.7	2292
253.perlbmk	1800	105	1712	91.8	1962
254.gap	1100	66.0	1666	66.0	1666
255.vortex	1900	95.2	1996	96.0	1978
256.bzip2	1500	180	833	180	832
300.twolf	3000	258	1161	171	1757



Hardware

CPU:	Intel Xeon (3.66GHz, 1MB L2, 667MHz system bus)
CPU MHz:	3660
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
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:	N/A
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.
```