CINT2000 Result

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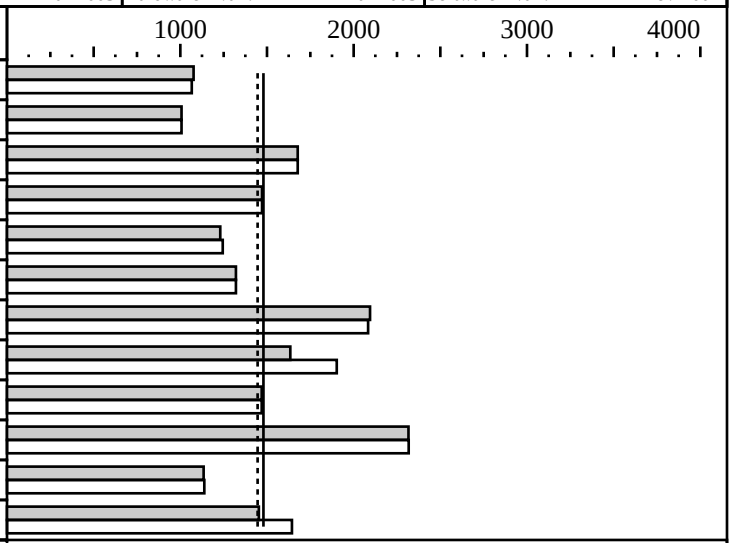
Dell
PowerEdge 6850 (3.33GHz Intel Xeon)

SPECint2000 = 1479

SPECint_base2000 = 1446

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	130	1076	131	1066
175.vpr	1400	139	1007	139	1007
176.gcc	1100	65.6	1677	65.6	1677
181.mcf	1800	122	1471	122	1471
186.crafty	1000	81.3	1230	80.3	1245
197.parser	1800	136	1321	136	1321
252.eon	1300	62.1	2094	62.4	2083
253.perlbmk	1800	110	1634	94.6	1902
254.gap	1100	74.9	1469	74.9	1469
255.vortex	1900	82.0	2316	82.0	2317
256.bzip2	1500	132	1134	132	1138
300.twolf	3000	206	1453	182	1644



Hardware

CPU:	Intel Xeon (3.33GHz, 1MB L2, 8MB L3, 667MHz system bus)
CPU MHz:	3330
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:	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.
```