CINT2000 Result

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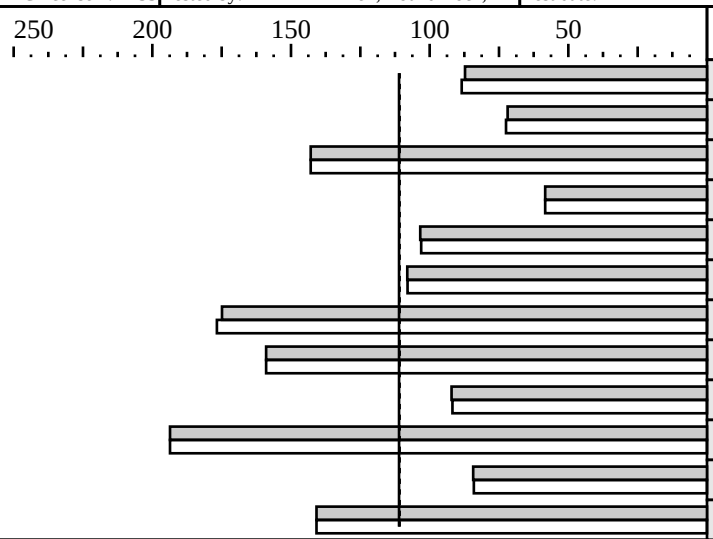
Dell

PowerEdge 6800 (3.0GHz Intel Xeon Processor 7041)

SPECint_rate2000 = 111

SPECint_rate_base2000 = 111

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Mar-2006 | Hardware Avail: Mar-2006 | Software Avail: Mar-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	149	87.2	8	147	88.4
175.vpr	8	181	71.9	8	179	72.5
176.gcc	8	71.4	143	8	71.4	143
181.mcf	8	286	58.3	8	286	58.3
186.crafty	8	89.8	103	8	90.0	103
197.parser	8	155	108	8	155	108
252.eon	8	69.0	175	8	68.3	177
253.perlbmk	8	105	159	8	105	159
254.gap	8	111	92.1	8	111	91.8
255.vortex	8	91.1	194	8	91.1	194
256.bzip2	8	165	84.3	8	166	84.1
300.twolf	8	198	141	8	198	141

Hardware

CPU:	Intel Xeon processor 7041 (3.0GHz, 2x2MB L2, 800MHz 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 +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
This result was measured on the Dell PowerEdge 6850.
The PowerEdge 6800 and PowerEdge 6850 are electronically equivalent.
```