



CINT2000 Result

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Dell
PowerEdge 6800 (3.66GHz Intel Xeon)

SPECint_rate2000 = 56.4

SPECint_rate_base2000 = 53.4

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	4	120	54.3	4	121	53.8
175.vpr	4	204	31.8	4	204	31.8
176.gcc	4	79.0	64.6	4	79.0	64.6
181.mcf	4	422	19.8	4	422	19.8
186.crafty	4	76.2	60.9	4	75.0	61.9
197.parser	4	154	54.3	4	154	54.3
252.eon	4	56.5	107	4	56.7	106
253.perlbnk	4	115	72.9	4	93.8	89.0
254.gap	4	80.0	63.8	4	80.0	63.8
255.vortex	4	105	83.8	4	105	83.6
256.bzip2	4	202	34.5	4	202	34.5
300.twolf	4	270	51.6	4	173	80.3

Hardware

CPU: Intel Xeon (3.66GHz, 1MB L2, 667MHz system bus)
 CPU MHz: 3660
 FPU: Integrated
 CPU(s) enabled: 4 cores, 4 chips, 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.perlbnk: -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.perlbnk: -fast -Qansi_alias +FDO shlw32M.lib
254.gap:      basepeak=yes
255.vortex   -fast +FDO
256.bzip2:   -fast -Qunroll11 -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.