



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## Dell

### PowerEdge 860 (Intel Xeon processor 3050, 2.13GHz)

SPECint\_rate2000 = 43.8

SPECint\_rate\_base2000 = 43.7

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	107	30.4	2	107	30.4
175.vpr	2	116	28.1	2	112	28.9
176.gcc	2	48.4	52.7	2	48.4	52.7
181.mcf	2	142	29.3	2	142	29.3
186.crafty	2	52.4	44.3	2	52.5	44.2
197.parser	2	116	35.9	2	116	36.0
252.eon	2	46.5	64.8	2	46.6	64.7
253.perlbnk	2	71.8	58.2	2	71.8	58.2
254.gap	2	52.0	49.1	2	51.7	49.4
255.vortex	2	56.8	77.6	2	56.8	77.6
256.bzip2	2	115	30.3	2	116	30.0
300.twolf	2	130	53.6	2	130	53.6

### Hardware

CPU: Intel Xeon processor 3050 (1066MHz system bus)  
 CPU MHz: 2133  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
 CPU(s) orderable: 1  
 Parallel: No  
 Primary Cache: 32KB(I) + 32KB(D) on chip, per core  
 Secondary Cache: 2048KB(I+D) on chip  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 4 x 1GB DDR2-667 Dual Ranked SDRAM  
 Disk Subsystem: 1 x 73GB SAS 10000 RPM  
 Other Hardware: None

### Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-bit)  
 Compiler: Intel C++ Compiler 9.1 for IA32(20060323Z)  
 Microsoft Visual Studio .NET 2003(7.1.3088)  
 MicroQuill SmartHeap Library 8.0  
 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.perlbnk: -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.perlbnk: basepeak=yes



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Dell

PowerEdge 860 (Intel Xeon processor 3050, 2.13GHz)

SPECint\_rate2000 = 43.8

SPECint\_rate\_base2000 = 43.7

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

## Notes/Tuning Information (Continued)

254.gap: -fast +FDO  
255.vortex basepeak=yes  
256.bzip2: -fast -Qunroll11 -Oa +FDO  
300.twolf: basepeak=yes