



# CINT2000 Result

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**Dell**  
PowerEdge 1955 (Intel Xeon processor 5050, 3.00GHz)

SPECint2000 = 1422  
SPECint\_base2000 = 1420

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	135	1036	137	1024	
175.vpr	1400	150	934	147	949	
176.gcc	1100	63.2	1741	63.2	1741	
181.mcf	1800	127	1415	127	1415	
186.crafty	1000	88.6	1129	88.5	1131	
197.parser	1800	147	1221	147	1223	
252.eon	1300	63.8	2039	63.6	2044	
253.perlbmk	1800	101	1777	101	1777	
254.gap	1100	69.4	1586	68.9	1597	
255.vortex	1900	83.2	2284	83.2	2284	
256.bzip2	1500	148	1014	148	1013	
300.twolf	3000	195	1540	195	1540	

### Hardware

CPU: Intel Xeon Processor 5050 (667MHz system bus)  
 CPU MHz: 3000  
 FPU: Integrated  
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)  
 CPU(s) orderable: 1,2  
 Parallel: No  
 Primary Cache: 12K(I) micro-ops + 16KB(D) on chip, per core  
 Secondary Cache: 2048KB(I+D) on chip, per core  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 8 x 1GB 533MHz ECC CL4 DDR2 FB-DIMM  
 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/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.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 -Qunroll11 -Oa +FDO  
300.twolf: basepeak=yes