



# CINT2000 Result

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## Dell

Precision Workstation 690 (Intel® Xeon® processor 5160, 3.0 GHz)

SPECint\_rate2000 = --

SPECint\_rate\_base2000 = 116

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	4	78.3	83.0			
175.vpr	4	87.6	74.1			
176.gcc	4	41.7	123			
181.mcf	4	104	80.2			
186.crafty	4	36.9	126			
197.parser	4	86.6	96.4			
252.eon	4	33.3	181			
253.perlbnk	4	52.4	159			
254.gap	4	46.8	109			
255.vortex	4	47.3	186			
256.bzip2	4	79.5	87.6			
300.twolf	4	88.3	158			

### Hardware

CPU: Intel® Xeon® processor 5160 (1333 MHz system bus)  
CPU MHz: 3000  
FPU: Integrated  
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip  
CPU(s) orderable: 1,2  
Parallel: No  
Primary Cache: 32KB(I) + 32KB(D) on chip, per core  
Secondary Cache: 4096KB(I+D) on chip, shared  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8 x 512MB 533MHz ECC CL4 DDR2 FB-DIMM  
Disk Subsystem: 1 x 73GB SAS 10K RPM  
Other Hardware:

### Software

Operating System: Windows XP Professional SP2  
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.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