



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

**Dell**  
Precision Workstation 380 (3.4 GHz, Intel Pentium D 950)

SPECint\_rate2000 = 38.2  
SPECint\_rate\_base2000 = 38.0

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Dec-2005 | Hardware Avail: Jan-2006 | Software Avail: Oct-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	2	124	26.3	2	122	26.5
175.vpr	2	126	25.8	2	124	26.2
176.gcc	2	54.9	46.5	2	54.9	46.5
181.mcf	2	102	40.8	2	102	40.8
186.crafty	2	79.6	29.1	2	79.8	29.1
197.parser	2	127	32.8	2	127	32.8
252.eon	2	61.0	49.5	2	60.3	50.0
253.perlbnk	2	88.7	47.1	2	88.7	47.1
254.gap	2	63.2	40.4	2	61.3	41.6
255.vortex	2	64.3	68.6	2	64.3	68.6
256.bzip2	2	120	28.9	2	120	29.0
300.twolf	2	176	39.6	2	176	39.6

### Hardware

CPU: Intel Pentium D 950 (800 MHz system bus)  
 CPU MHz: 3400  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
 CPU(s) orderable: 1  
 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: 4 x 1024MB 533MHz non-ECC CL4 DDR2 SDRAM  
 Disk Subsystem: 1 x 80GB 7200 RPM SATA  
 Other Hardware:

### Software

Operating System: Windows XP Professional SP2  
 Compiler: Intel C/C++ Compiler 9.0 for IA32(20051020Z)  
 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 shlw32m.lib

### PEAK TUNING

164.zip: -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**  
Precision Workstation 380 (3.4 GHz, Intel Pentium D 950)

SPECint\_rate2000 = 38.2  
SPECint\_rate\_base2000 = 38.0

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Dec-2005 | Hardware Avail: Jan-2006 | Software Avail: Oct-2005

## Notes/Tuning Information (Continued)

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