



# CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell Inc.  
PowerEdge 1420SC (3.6Ghz Intel Xeon)

SPECint2000 = 1703  
SPECint\_base2000 = 1681

SPEC license #: 55 Tested by: Dell Inc., Round Rock, TX Test date: Jan-2005 Hardware Avail: Feb-2005 Software Avail: Oct-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	117	1197	118	1190	
175.vpr	1400	116	1202	116	1202	
176.gcc	1100	54.6	2015	54.6	2015	
181.mcf	1800	96.0	1875	96.0	1875	
186.crafty	1000	74.9	1336	74.5	1341	
197.parser	1800	123	1467	123	1467	
252.eon	1300	58.3	2231	58.0	2241	
253.perlbnk	1800	98.2	1833	86.1	2092	
254.gap	1100	57.6	1911	57.6	1911	
255.vortex	1900	69.7	2728	69.6	2729	
256.bzip2	1500	119	1263	118	1268	
300.twolf	3000	169	1780	166	1804	

## Hardware

CPU: Intel Xeon (3.6Ghz, 2MB L2, 800MHz system bus)  
CPU MHz: 3600  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)  
CPU(s) orderable: 1,2  
Parallel: No  
Primary Cache: 12K(I) micro-ops + 16KB(D) on chip  
Secondary Cache: 2048KB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 4x512MB (dual-ranked) ECC DDR2-400 SDRAM  
Disk Subsystem: 1 x 120GB 7200RPM SATA  
Other Hardware: None

## Software

Operating System: Windows 2003 Server, Standard Edition  
Compiler: Intel C/C++ Compiler 8.1 (20041019Z)  
Intel Fortran Compiler 8.1 (20041019Z)  
Microsoft Visual Studio .NET 2003(7.1.3088)  
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: Approved src.alt stdcpp  
253.perlbnk: -DSPEC\_CPU2000\_NTOS -DPERLDLL /MT  
254.gap: -DSYS\_HAS\_CALLOC\_PROTO -DSYS\_HAS\_MALLOC\_PROTO

### BASE TUNING

C: -fast -QxP -Qansi\_alias +FDO  
C++: -QxP -Qipo -Qcxx\_features +FDO

### PEAK TUNING

164.gzip: -fast -QxP -Qansi\_alias -Oa +FDO  
175.vpr: basepeak=yes  
176.gcc: basepeak=yes  
181.mcf: basepeak=yes  
186.crafty: -fast -QxP -Oa +FDO shlW32M.lib  
197.parser: basepeak=yes  
252.eon: -fast -QxP +FDO



# CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell Inc.  
PowerEdge 1420SC (3.6Ghz Intel Xeon)

SPECint2000 =	1703
SPECint_base2000 =	1681

SPEC license #:	55	Tested by:	Dell Inc., Round Rock, TX	Test date:	Jan-2005	Hardware Avail:	Feb-2005	Software Avail:	Oct-2004
-----------------	----	------------	---------------------------	------------	----------	-----------------	----------	-----------------	----------

## Notes/Tuning Information (Continued)

```
253.perlbnk: -fast -QxP -Qansi_alias +FDO shlw32M.lib
254.gap:      basepeak=yes
255.vortex   -fast -QxP +FDO
256.bzip2:   -fast -QxP -Qunroll11 -Oa +FDO
300.twolf:   -fast -QxP +FDO shlw32M.lib
```