



# CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

## Compaq Computer Corporation DL580

SPECint\_rate2000 = 15.5  
SPECint\_rate\_base2000 = 15.2

SPEC license #: 2 | Tested by: Compaq TX | Test date: Jan-2002 | Hardware Avail: Dec-2001 | Software Avail: Jun-2001

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	382	17.0	4	382	17.0
175.vpr	4	421	15.4	4	419	15.5
176.gcc	4	320	15.9	4	322	15.8
181.mcf	4	1182	7.07	4	1181	7.07
186.crafty	4	267	17.4	4	267	17.4
197.parser	4	615	13.6	4	615	13.6
252.eon	4	284	21.2	4	254	23.7
253.perlbnk	4	445	18.8	4	444	18.8
254.gap	4	576	8.87	4	575	8.88
255.vortex	4	339	26.0	4	324	27.2
256.bzip2	4	590	11.8	4	576	12.1
300.twolf	4	668	20.8	4	652	21.3

### Hardware

CPU: Pentium III Xeon  
CPU MHz: 700  
FPU: Integrated  
CPU(s) enabled: 4 cores, 4 chips, 1 core/chip  
CPU(s) orderable: 1,2,3,4  
Parallel: No  
Primary Cache: 16KB(I) + 16KB(D) on chip  
Secondary Cache: 1MB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 1GB SDRAM  
Disk Subsystem: 4 x 9GB Compaq 10K  
Other Hardware:

### Software

Operating System: Microsoft Windows 2000 Advanced Server Ver 5.0.2195 SP2  
Compiler: Intel C/C++ Compiler 5.0.1 for Windows NT Build 010525Z  
Microsoft Visual C++ 6.0 (for libraries)  
File System: NTFS  
System State: Default

## Notes/Tuning Information

### FEEDBACK-DIRECTED OPTIMIZATION

+FDO: PASS1= -Qprof\_gen PASS2= -Qprof\_use

### BASE TUNING

C: -QxK -Qipo +FDO  
C++: -QxK -Qipo -GX -GR

### 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

### PEAK TUNING

164.gzip: -QxK -Qipo +FDO  
175.vpr: -QxK -Qipo +FDO  
176.gcc: -QxK -Qipo +FDO  
181.mcf: -QxK -Qipo +FDO  
186.crafty: -QxK -Qipo +FDO  
197.parser: -QxK -Qipo +FDO  
252.eon: -QxK -Qipo +FDO  
253.perlbnk: -QxK -Qipo +FDO  
254.gap: -QxK -Qipo +FDO



# CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Compaq Computer Corporation  
DL580

SPECint\_rate2000 = 15.5  
SPECint\_rate\_base2000 = 15.2

SPEC license #: 2 | Tested by: Compaq TX | Test date: Jan-2002 | Hardware Avail: Dec-2001 | Software Avail: Jun-2001

## Notes/Tuning Information (Continued)

255.vortex: -QxK -Qipo +FDO -Oa  
256.bzip2: -QxK -Qipo +FDO -Oa  
300.twolf: -QxK -Qipo +FDO -Oa  
Disks: 1 OS drive, 1 Page drive, 2 drives RAID0 for data