



CINT2000 Result

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Dell
PowerEdge 2650 (2.4 GHz Xeon)

SPECint2000 = **815**
SPECint_base2000 = **792**

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Mar-2002 Hardware Avail: May-2002 Software Avail: Jun-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	155	905	153	913	
175.vpr	1400	330	424	315	445	
176.gcc	1100	121	911	120	917	
181.mcf	1800	364	495	362	497	
186.crafty	1000	124	808	123	814	
197.parser	1800	229	786	227	792	
252.eon	1300	118	1104	102	1280	
253.perlbnk	1800	165	1094	165	1093	
254.gap	1100	110	1001	108	1021	
255.vortex	1900	157	1213	145	1307	
256.bzip2	1500	252	596	250	601	
300.twolf	3000	470	638	466	643	

Hardware

CPU: Intel Xeon
 CPU MHz: 2400
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1, 2
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 8KB(D) on chip
 Secondary Cache: 512KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4GB PC1600 (DDR 200)
 Disk Subsystem: 1 x 9.2GB Quantum Atlas 10K II U160
 Other Hardware:

Software

Operating System: Windows 2000 Professional (SP2)
 Compiler: Intel C++ Compiler 5.0.1 (010922Z)
 Microsoft Visual C++ 6.0 (SP5)
 MicroQuill SmartHeap Library 5.0
 File System: NTFS
 System State: Default

Notes/Tuning Information

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

FEEDBACK-DIRECTED OPTIMIZATION

FDO: PASS1= -Qprof_gen PASS2= -Qprof_use

BASE TUNING

C: -Qipo +FDO -QxW shlw32M.lib
 C++: -Qipo -QxW -GX -GR

PEAK TUNING

164.gzip: -Qipo +FDO -QxW -Oi- -Oa
 175.vpr: -Qwp_ipo +FDO -QxW
 176.gcc: -Qipo +FDO -QxW shlw32M.lib
 181.mcf: -Qipo +FDO -QxW shlw32M.lib
 186.crafty: -Qipo +FDO -QxW -Oa shlw32M.lib
 197.parser: -Qipo +FDO -QxW
 252.eon: -Qipo +FDO -QxW
 253.perlbnk: -Qipo +FDO -QxW shlw32M.lib
 254.gap: -Qipo +FDO -QaxW



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Notes/Tuning Information (Continued)

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255.vortex: -Qwp_ipo +FDO -QxW -Oa
256.bzip2:  -Qipo +FDO -QxW shlw32M.lib
300.twolf:  -Qipo +FDO -QxW shlw32M.lib
EXTRA LIBRARIES
shlw32M.lib: MicroQuill SmartHeap Library 5.0
              www.microquill.com
1 CPU configuration achieved by editing boot.ini
```