



CINT2000 Result

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Dell PowerEdge 8450

SPECint2000 = 422
SPECint_base2000 = 414

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Apr-2001 Hardware Avail: Mar-2000 Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	100 200 300 400 500 600					
164.gzip	1400	380	368	379	369	[Bar chart showing ratio 369]					
175.vpr	1400	330	424	329	426	[Bar chart showing ratio 426]					
176.gcc	1100	275	400	275	399	[Bar chart showing ratio 399]					
181.mcf	1800	364	494	365	493	[Bar chart showing ratio 493]					
186.crafty	1000	267	374	269	372	[Bar chart showing ratio 372]					
197.parser	1800	523	344	521	345	[Bar chart showing ratio 345]					
252.eon	1300	303	429	269	483	[Bar chart showing ratio 483]					
253.perlbnk	1800	403	447	402	448	[Bar chart showing ratio 448]					
254.gap	1100	393	280	382	288	[Bar chart showing ratio 288]					
255.vortex	1900	325	585	317	600	[Bar chart showing ratio 600]					
256.bzip2	1500	428	351	409	366	[Bar chart showing ratio 366]					
300.twolf	3000	518	579	512	586	[Bar chart showing ratio 586]					

Hardware

CPU: Pentium III Xeon
CPU MHz: 700
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
CPU(s) orderable: 1 to 8
Parallel: No
Primary Cache: 16KB(I) + 16KB(D) on chip
Secondary Cache: 2MB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 3GB SDRAM
Disk Subsystem: 1 x 9GB SEAGATE Ultra-2
Other Hardware:

Software

Operating System: Microsoft Windows 2000 Advanced Server
Compiler: Intel C/C++ Compiler 5.0 Build 001004 for Windows NT
Microsoft Visual C++ 6.0 (for libraries)
MicroQuill SmartHeap Library 5.0
File System: NTFS
System State: Default

Notes/Tuning Information

FEEDBACK-DIRECTED OPTIMIZATION

+FDO: PASS1= -Qprof_gen PASS2= -Qprof_use

BASE TUNING

C: -QxK -Qipo shlW32M.lib +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 shlW32M.lib

175.vpr: -QxK -Qipo +FDO shlW32M.lib

176.gcc: -QxK -Qipo +FDO shlW32M.lib

181.mcf: -QxK -Qipo +FDO shlW32M.lib

186.crafty: -QxK -Qipo +FDO shlW32M.lib

197.parser: -QxK -Qipo +FDO shlW32M.lib

252.eon: -QxK -Qipo +FDO

253.perlbnk: -QxK -Qipo +FDO shlW32M.lib

254.gap: -QxK -Qipo +FDO shlW32M.lib



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Notes/Tuning Information (Continued)

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255.vortex: -QxK -Qipo +FDO -Oa shlw32M.lib
256.bzip2:  -QxK -Qipo +FDO -Oa shlw32M.lib
300.twolf:  -QxK -Qipo +FDO -Oa shlw32M.lib
LIBRARIES
shlw32M.lib: MicroQuill SmartHeap Library 5.0
              www.microquill.com
```