



CINT2000 Result

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Fujitsu Siemens Computers
CELSIUS 460

SPECint2000 = 535
SPECint_base2000 = 524

SPEC license #: 22 Tested by: Fujitsu Siemens Computers Test date: Dec-2000 Hardware Avail: Dec-2000 Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	200 400 600 800			
164.gzip	1400	253	553	252	555	[Bar chart showing ratio 555]			
175.vpr	1400	469	298	470	298	[Bar chart showing ratio 298]			
176.gcc	1100	188	586	185	595	[Bar chart showing ratio 595]			
181.mcf	1800	382	472	380	473	[Bar chart showing ratio 473]			
186.crafty	1000	200	499	201	498	[Bar chart showing ratio 498]			
197.parser	1800	380	473	381	473	[Bar chart showing ratio 473]			
252.eon	1300	199	652	165	787	[Bar chart showing ratio 787]			
253.perlbnk	1800	256	703	256	704	[Bar chart showing ratio 704]			
254.gap	1100	162	677	162	679	[Bar chart showing ratio 679]			
255.vortex	1900	248	767	242	786	[Bar chart showing ratio 786]			
256.bzip2	1500	358	419	353	425	[Bar chart showing ratio 425]			
300.twolf	3000	747	401	746	402	[Bar chart showing ratio 402]			

Hardware

CPU: Pentium 4 processor (1.5 GHz, 400 MHz bus)
CPU MHz: 1500
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12K micro-ops I + 8KBD on chip
Secondary Cache: 256KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 512MB (2 256MB PC800 RDRAM ECC modules)
Disk Subsystem: 1 x 4GB Seagate ST34502
Other Hardware: CELSIUS Graphics

Software

Operating System: Windows NT 4.0 SP5
Compiler: Intel C/C++ Compiler 5.0 for Windows 2000, MicroQuill SmartHeap Library 5.0
File System: NTFS
System State: Default

Notes/Tuning Information

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+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning for C programs: -QxW -Qipo shlw32M.lib +FDO
Base tuning for C++ programs: -QxW -Qipo -GX -GR
shlw32M.lib is the SmartHeap library V5.0 from MicroQuill www.microquill.com
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, 175.vpr, 176.gcc, 181.mcf, 186.crafty, 197.parser
253.perlbnk, 254.gap, 300.twolf:
-QxW -Qipo +FDO shlw32M.lib
255.vortex, 256.bzip2:
-QxW -Qipo +FDO -Oa shlw32M.lib
252.eon:
-QxW -Qipo +FDO
shlw32M.lib is the SmartHeap library V5.0 from MicroQuill: http://www.microquill.com
```