



CINT2000 Result

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Fujitsu Siemens Computers CELSIUS R610

SPECint2000 = 1016
SPECint_base2000 = 967

SPEC license #: 22 Tested by: Fujitsu Siemens Computers Test date: Feb-2003 Hardware Avail: Feb-2003 Software Avail: Jan-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	129	1083	129	1084	
175.vpr	1400	243	575	240	584	
176.gcc	1100	92.3	1192	92.3	1191	
181.mcf	1800	307	586	294	612	
186.crafty	1000	95.6	1046	95.1	1052	
197.parser	1800	190	948	187	963	
252.eon	1300	108	1199	89.9	1446	
253.perlbmk	1800	146	1232	139	1294	
254.gap	1100	79.6	1381	77.6	1417	
255.vortex	1900	120	1581	116	1634	
256.bzip2	1500	210	713	207	724	
300.twolf	3000	445	674	364	825	

Hardware

CPU: Xeon processor (2.8 GHz, 533 MHz bus)
CPU MHz: 2800
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
CPU(s) orderable: 2
Parallel: No
Primary Cache: 12K micro-ops I + 8KBD on chip
Secondary Cache: 512KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 1024 MB (2 512 MB PC2100 DDR ECC modules)
Disk Subsystem: ATA-100
Other Hardware:

Software

Operating System: Windows 2000 Professional
Compiler: Intel(R) C++ Compiler, Version 7.0 Build 20030114Z
Intel(R) Fortran Compiler, Version 7.0 Build 20030114Z
Microsoft Visual Studio .NET: 7.00.9466 (for libraries)
MicroQuill SmartHeap Library 6.03a
File System: FAT32
System State: Default

Notes/Tuning Information

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+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning for C programs: -QxW -Qipo +FDO
Base tuning for C++ programs: -QxW -Qipo -GX -GR
Portability flags:
 176.gcc: -Dalloca=_alloca /F10000000
 186.crafty: -DNT_i386
 253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
 164.gzip: -QaxW -Qipo -O3 +FDO
 175.vpr: -QxW -Qipo +FDO
 176.gcc: -QxW -Qipo -O3 +FDO
 181.mcf: -Qipo -O3 +FDO shlw32M.lib
 186.crafty: -QxW -Qipo -Oa +FDO
 197.parser: -QxW -Qipo -O3 +FDO
 252.eon: -QxW -Qipo +FDO
 253.perlbmk: -Qipo +FDO shlw32M.lib
 254.gap: -QxW -Qipo -O3 +FDO
 255.vortex: -Qipo -Oa +FDO
 256.bzip2: -Qipo +FDO
```



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SPECint_base2000 =	967

SPEC license #:	22	Tested by:	Fujitsu Siemens Computers	Test date:	Feb-2003	Hardware Avail:	Feb-2003	Software Avail:	Jan-2003
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Notes/Tuning Information (Continued)

300.twolf: -QxW -Qipo +FDO shlw32M.lib
Extra Libraries
shlw32M.lib : MicroQuill SmartHeap Library 6.03a
www.microquill.com
The system bus runs at 533 MHz
Only one CPU installed on the system board.