



CINT2000 Result

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Fujitsu Siemens Computers Celsius M420

SPECint2000 = 1261
SPECint_base2000 = 1217

SPEC license #: 22 Tested by: Fujitsu Siemens Computers Test date: Jul-2003 Hardware Avail: Aug-2003 Software Avail: Jun-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	115	1214	116	1203	
175.vpr	1400	177	789	178	785	
176.gcc	1100	72.5	1517	72.6	1515	
181.mcf	1800	198	908	197	916	
186.crafty	1000	83.8	1193	83.3	1201	
197.parser	1800	156	1156	153	1174	
252.eon	1300	95.0	1368	78.3	1661	
253.perlbmk	1800	122	1473	123	1462	
254.gap	1100	66.0	1666	65.0	1692	
255.vortex	1900	93.9	2024	90.8	2094	
256.bzip2	1500	159	946	155	966	
300.twolf	3000	333	901	285	1052	

Hardware

CPU: Pentium 4 processor (3.2 GHz, 800 MHz bus)
CPU MHz: 3200
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: 512KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 1024 MB (2 512 MB PC3200 DDR ECC modules)
Disk Subsystem: ATA-100
Other Hardware:

Software

Operating System: Windows 2000 Professional
Compiler: Intel(R) C++ Compiler, Version 7.1 Build 20030609Z
Microsoft Visual Studio .NET: 7.00.9466 (for libraries)
MicroQuill SmartHeap Library 6.03a
File System: FAT32
System State: Default

Notes/Tuning Information

```
+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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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 800 MHz