



CINT2000 Result

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Fujitsu Siemens Computers
CELSIUS M450 (Intel Core 2 Duo processor E6400)

SPECint2000 = 2173
SPECint_base2000 = 2163

SPEC license #: 22 Tested by: Fujitsu Siemens Computers Test date: Aug-2006 Hardware Avail: Aug-2006 Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	106	1324	106	1324				
175.vpr	1400	90.9	1540	89.0	1574				
176.gcc	1100	43.3	2539	43.3	2539				
181.mcf	1800	65.8	2735	65.9	2730				
186.crafty	1000	51.7	1935	51.0	1959				
197.parser	1800	106	1703	105	1712				
252.eon	1300	46.6	2792	46.6	2791				
253.perlbmk	1800	69.2	2603	69.2	2603				
254.gap	1100	49.0	2246	48.1	2289				
255.vortex	1900	51.6	3680	51.6	3680				
256.bzip2	1500	96.8	1549	97.1	1545				
300.twolf	3000	124	2422	124	2422				

Hardware

CPU: Intel Core 2 Duo processor E6400
 CPU MHz: 2133
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1 chip
 Parallel: No
 Primary Cache: 32KB(I) + 32KB(D) on chip, per core
 Secondary Cache: 2048KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4x 1GB PC2-5300 5-5-5 2Rank SDRAM
 Disk Subsystem: 1 x 160GB SATA 7200 RPM
 Other Hardware: None

Software

Operating System: Windows XP Professional, Service Pack 2
 Compiler: Intel(R) C++ Compiler for 32-bit app., Version 9.1,
 - Build 20060519Z Package ID: W_CC_P_9.1.025
 Microsoft Visual Studio .NET 2003 (for libraries)
 MicroQuill SmartHeap Library, Version 8 (shlW32M.lib)
 File System: FAT32
 System State: Default

Notes/Tuning Information

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

Feedback optimization:

+FDO: PASS1= -Qprof_gen PASS2= -Qprof_use

Baseline Tuning Flags:

for C programs:
 -fast +FDO shlW32M.lib
 for C++ program 252.eon:
 -fast -Qcxx_features +FDO

Peak Tuning Flags:

164.gzip: -fast +FDO
 175.vpr: -fast +FDO
 176.gcc: basepeak=yes
 181.mcf: -fast +FDO shlW32M.lib



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SPECint2000 =	2173
SPECint_base2000 =	2163

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Notes/Tuning Information (Continued)

186.crafty: -fast +FDO
197.parser: -fast +FDO
252.eon: -fast -Qcxx_features +FDO
253.perlbnk: -fast +FDO shlw32M.lib
254.gap: -fast +FDO
255.vortex: -fast +FDO shlw32M.lib
256.bzip2: -fast +FDO
300.twolf: -fast +FDO shlw32M.lib

Extra Libraries:

shlw32M.lib = Microquill SmartHeap Library 8
see www.microquill.com

The system bus runs at 1066 MHz

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