



CINT2000 Result

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Fujitsu Siemens Computers
CELSIUS M440, Intel Pentium 4 660

SPECint2000 = 1764
SPECint_base2000 = 1762

SPEC license #: 22 Tested by: Fujitsu Siemens Computers Test date: Dec-2005 Hardware Avail: Jul-2005 Software Avail: Sep-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	117	1195	117	1193				
175.vpr	1400	115	1221	113	1236				
176.gcc	1100	52.4	2099	52.8	2082				
181.mcf	1800	86.1	2091	86.1	2090				
186.crafty	1000	75.1	1331	75.2	1330				
197.parser	1800	120	1496	120	1498				
252.eon	1300	57.6	2257	57.6	2257				
253.perlbmk	1800	83.2	2165	83.2	2164				
254.gap	1100	56.5	1949	56.0	1966				
255.vortex	1900	63.3	2999	63.3	3000				
256.bzip2	1500	112	1336	112	1337				
300.twolf	3000	163	1842	163	1843				

Hardware

CPU: Intel Pentium 4 processor 660
CPU MHz: 3600
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12k micro-ops I + 16KBD on chip
Secondary Cache: 2048KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4 GB (4x1 GB DDR2-533, 2rank, CL4-4-4, with ECC)
Disk Subsystem: Serial ATA 7200 rpm
Other Hardware:

Software

Operating System: Windows XP Professional, Service Pack 2
Compiler: Intel(R) C++ Compiler for 32-bit app., Version 9.0, - Build 20050912Z Package ID: W_CC_C_9.0.024
Microsoft Visual Studio .NET 2003 (for libraries)
MicroQuill SmartHeap Library 7.4
File System: NTFS
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: -fast +FDO
181.mcf: -fast +FDO shlw32m.lib



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Notes/Tuning Information (Continued)

186.crafty: -fast +FDO
197.parser: -fast +FDO
252.eon: -fast -Qcxxx_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 7.4
see www.microquill.com

The system bus runs at 800 MHz

For information about Fujitsu Siemens Computers in your country please see:
<http://www.fujitsu-siemens.com/countries>