



CINT2000 Result

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Fujitsu Siemens Computers
CELSIUS R540, Intel Xeon 5160 processor

SPECint2000 = 3102
SPECint_base2000 = 3089

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	
164.gzip	1400	75.2	1862	75.3	1859	
175.vpr	1400	62.2	2250	60.9	2298	
176.gcc	1100	33.5	3285	33.5	3285	
181.mcf	1800	40.6	4434	40.6	4433	
186.crafty	1000	36.6	2730	36.2	2762	
197.parser	1800	73.0	2465	72.8	2474	
252.eon	1300	33.2	3921	33.2	3921	
253.perlbmk	1800	48.5	3710	48.5	3711	
254.gap	1100	36.7	3001	36.0	3052	
255.vortex	1900	36.7	5172	36.7	5174	
256.bzip2	1500	63.2	2373	63.4	2367	
300.twolf	3000	87.5	3429	87.5	3429	

Hardware

CPU: Intel Xeon 5160 processor (3.0 GHz, 1333 MHz system bus)
 CPU MHz: 3000
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1,2 chips
 Parallel: No
 Primary Cache: 32KBI + 32KBD on chip, per core
 Secondary Cache: 4096KB(I+D) on chip, per chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4 GB (4x1 GB DDR2 5300F, 2rank, CL5-5-5, with ECC)
 Disk Subsystem: Serial ATA 7200 rpm
 Other Hardware:

Software

Operating System: Windows XP, 64 bit Edition
 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: 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: basepeak=yes
 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 -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

Compilation was done in
Windows XP Professional, Service Pack 2

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