



CINT2000 Result

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Fujitsu Siemens Computers
CELSIUS R540, Intel Xeon 5130 processor

SPECint2000 = 2152
SPECint_base2000 = 2143

SPEC license #: 22 Tested by: Fujitsu Siemens Computers Test date: Sep-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	112	1245	113	1244	[Bar chart showing ratio]			
175.vpr	1400	88.0	1590	86.1	1625	[Bar chart showing ratio]			
176.gcc	1100	45.3	2426	45.3	2426	[Bar chart showing ratio]			
181.mcf	1800	52.2	3446	52.2	3446	[Bar chart showing ratio]			
186.crafty	1000	55.0	1820	54.3	1841	[Bar chart showing ratio]			
197.parser	1800	108	1671	107	1677	[Bar chart showing ratio]			
252.eon	1300	49.8	2613	49.8	2612	[Bar chart showing ratio]			
253.perlbmk	1800	72.2	2495	72.1	2495	[Bar chart showing ratio]			
254.gap	1100	51.8	2122	50.9	2160	[Bar chart showing ratio]			
255.vortex	1900	52.1	3649	52.0	3653	[Bar chart showing ratio]			
256.bzip2	1500	92.8	1616	93.1	1611	[Bar chart showing ratio]			
300.twolf	3000	131	2285	131	2285	[Bar chart showing ratio]			

Hardware

CPU: Intel Xeon 5130 processor (2.0 GHz, 1333 MHz system bus)
CPU MHz: 2000
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>