



CINT2000 Result

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Fujitsu Siemens Computers
CELSIUS R640, Intel Xeon 5150 processor

SPECint2000 = 2748
SPECint_base2000 = 2739

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	84.5	1656	84.7	1654	
175.vpr	1400	70.0	2000	69.0	2030	
176.gcc	1100	37.0	2969	37.0	2969	
181.mcf	1800	47.0	3834	47.0	3832	
186.crafty	1000	41.2	2430	40.7	2458	
197.parser	1800	82.3	2187	82.1	2193	
252.eon	1300	37.3	3486	37.3	3486	
253.perlbmk	1800	54.7	3292	54.7	3293	
254.gap	1100	41.2	2670	40.5	2715	
255.vortex	1900	42.0	4526	42.0	4525	
256.bzip2	1500	71.0	2114	71.1	2109	
300.twolf	3000	99.0	3032	99.0	3032	

Hardware

CPU: Intel Xeon 5150 processor (2.66 GHz, 1333 MHz system bus)
 CPU MHz: 2667
 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: 8 GB (8x1 GB DDRII 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 -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 8
see www.microquill.com

Compilation was done in
Windows XP Professional, Service Pack 2

Snoop Filter was enabled in BIOS

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