



CINT2000 Result

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Fujitsu Siemens Computers
PRIMERGY TX300 S2, 64-bit Intel Xeon 3.20 GHz

SPECint_rate2000 = 37.1
SPECint_rate_base2000 = 37.1

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

		Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
		164.zip	4	198	32.7	4	198	32.7
		175.vpr	4	259	25.0	4	259	25.0
		176.gcc	4	103	49.6	4	103	49.6
		181.mcf	4	340	24.6	4	340	24.6
		186.crafy	4	165	28.2	4	165	28.2
		197.parser	4	230	36.3	4	230	36.3
		252.eon	4	144	42.0	4	144	42.0
		253.perlbnk	4	203	41.1	4	203	41.1
		254.gap	4	122	41.9	4	122	41.9
		255.vortex	4	142	61.9	4	142	61.9
		256.bzip2	4	213	32.7	4	213	32.7
		300.twolf	4	309	45.1	4	309	45.1

Hardware

CPU: 64-bit Intel Xeon processor 3.2GHz, 2MB L2, 800MHz system bus
 CPU MHz: 3200
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology enabled)
 CPU(s) orderable: 1,2
 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: 8x512 MB DDRII-RAM PC2-3200R
 Disk Subsystem: Fujitsu MAS3184NC (U320, 15krpm)
 Other Hardware: none

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1
 Compiler: Intel C++ Compiler 9.0 Build 20050722Z (for 32-bit applications)
 Microsoft Visual Studio .Net 2003 7.1.3088 (for libraries)
 SmartHeap Library Version 7.4 from <http://www.microquill.com>
 File System: NTFS
 System State: Default

Notes/Tuning Information

GENERAL

+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

Portability flags

176.gcc: -Dalloca=_alloca /F10000000
 186.crafy: -DNT_i386
 252.eon: Approved srcalt stdcpp is used
 253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

Base tuning flags

for C programs: -fast +FDO shlw32m.lib
 for C++ programs: -fast -Qcxx_features +FDO shlw32m.lib

Peak tuning flags

same as baseline (basepeak=yes set globally)

New 32-bit Windows tools used, approved in May-2005

The system bus runs at 800 MHz



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Notes/Tuning Information (Continued)

This result was measured with 32-bit binaries using the 32-bit version of the operating system.

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