



CINT2000 Result

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Fujitsu Siemens Computers

PRIMERGY RX200 S2, Intel Xeon processor 3.20GHz, 2MB L2

SPECint_rate2000 = 37.1

SPECint_rate_base2000 = 37.1

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

					Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio		
70	60	50	40	30	20	10	164.zip	4	199	32.7	4	199	32.7
							175.vpr	4	261	24.9	4	261	24.9
							176.gcc	4	101	50.4	4	101	50.4
							181.mcf	4	339	24.6	4	339	24.6
							186.crafy	4	164	28.3	4	164	28.3
							197.parser	4	228	36.6	4	228	36.6
							252.eon	4	144	42.0	4	144	42.0
							253.perlbnk	4	203	41.2	4	203	41.2
							254.gap	4	121	42.1	4	121	42.1
							255.vortex	4	142	61.9	4	142	61.9
							256.bzip2	4	217	32.1	4	217	32.1
							300.twolf	4	309	45.1	4	309	45.1

Hardware

CPU: Intel Xeon processor 3.20GHz, 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, per core
 Secondary Cache: 2048KB(I+D) on chip, per core
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8x512 MB DDRII-RAM PC2-3200R
 Disk Subsystem: Seagate ST336753LC(U320 SCSI, 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=true 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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