



CINT2000 Result

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Fujitsu Siemens Computers

PRIMERGY RX100 S4, Intel Xeon processor 3060, 2.40 GHz

SPECint_rate2000 = 53.8

SPECint_rate_base2000 = 53.8

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Aug-2006 | Hardware Avail: Sep-2006 | Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	2	95.4	34.1	2	95.4	34.1
175.vpr	2	83.7	38.8	2	83.7	38.8
176.gcc	2	41.6	61.3	2	41.6	61.3
181.mcf	2	70.9	58.9	2	70.9	58.9
186.crafty	2	45.7	50.7	2	45.7	50.7
197.parser	2	98.5	42.4	2	98.5	42.4
252.eon	2	41.9	72.0	2	41.9	72.0
253.perlbnk	2	63.0	66.2	2	63.0	66.2
254.gap	2	47.1	54.2	2	47.1	54.2
255.vortex	2	48.0	91.7	2	48.0	91.7
256.bzip2	2	90.5	38.4	2	90.5	38.4
300.twolf	2	110	63.4	2	110	63.4

Hardware

CPU: Intel Xeon processor 3060 (2.40 GHz, 4MB L2, 1066 MHz system bus)
 CPU MHz: 2400
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1 chip
 Parallel: No
 Primary Cache: 32KB(I) + 32KB(D) on chip, per core
 Secondary Cache: 4096KB(I+D) on chip, per chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4x2GB DDRII-RAM PC2-4200E (CAS 4-4-4)
 Disk Subsystem: Seagate ST3146854SS (SAS, 15.4krpm, 146GB)
 Other Hardware: none

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1 (32-bit)
 Compiler: Intel C++ Compiler 9.1
 Build 20060323Z (for 32-bit applications),
 Microsoft Visual Studio .Net 2003
 7.1.3088 (for libraries),
 SmartHeap Library Version 8.0
 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.crafty: -DNT_i386
 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)

The system bus runs at 1066 MHz

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



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Notes/Tuning Information (Continued)

BIOS configuration:

Adjacent Sector Prefetch = Disable

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