



CINT2000 Result

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Fujitsu Siemens Computers

PRIMERGY RX300 S3, Intel Xeon 5160 processor, 3.0 GHz

SPECint_rate2000 = 121

SPECint_rate_base2000 = 121

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

				Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio	
250	200	150	100	50	164.zip	4	77.9	83.4	4	77.9	83.4
					175.vpr	4	75.6	86.0	4	75.6	86.0
					176.gcc	4	41.3	124	4	41.3	124
					181.mcf	4	82.8	101	4	82.8	101
					186.crafy	4	36.6	127	4	36.6	127
					197.parser	4	82.6	101	4	82.6	101
					252.eon	4	33.5	180	4	33.5	180
					253.perlbnk	4	52.3	160	4	52.3	160
					254.gap	4	44.9	114	4	44.9	114
					255.vortex	4	45.0	196	4	45.0	196
					256.bzip2	4	81.2	85.7	4	81.2	85.7
					300.twolf	4	87.9	158	4	87.9	158

Hardware

CPU: Intel Xeon 5160 processor (3.0 GHz, 4MB SLC, 1333 MHz system bus)
 CPU MHz: 3000
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
 CPU(s) orderable: 1,2
 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: 8x1GB DDRII-RAM PC2-5300F (CAS 5-5-5)
 Disk Subsystem: Seagate ST373454SS (SAS, 15.4krpm, 73GB)
 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.crafy: -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 1333 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

This result was measured on the PRIMERGY TX300 S3. The PRIMERGY TX300 S3 and the PRIMERGY RX300 S3 are electronically equivalent.

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