



CINT2000 Result

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Fujitsu Siemens Computers

PRIMERGY RX200 S3, Intel Xeon 5120 processor, 1.86 GHz

SPECint_rate2000 = 80.2

SPECint_rate_base2000 = 80.2

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	4	124	52.4	4	124	52.4
175.vpr	4	113	57.3	4	113	57.3
176.gcc	4	55.0	92.7	4	55.0	92.7
181.mcf	4	121	69.1	4	121	69.1
186.crafy	4	58.8	78.9	4	58.8	78.9
197.parser	4	127	65.7	4	127	65.7
252.eon	4	53.8	112	4	53.8	112
253.perlbnk	4	82.1	102	4	82.1	102
254.gap	4	63.8	80.1	4	63.8	80.1
255.vortex	4	65.3	135	4	65.3	135
256.bzip2	4	120	58.2	4	120	58.2
300.twolf	4	141	98.8	4	141	98.8

Hardware

CPU: Intel Xeon 5120 processor (1.86 GHz, 4MB L2, 1066 MHz system bus)
 CPU MHz: 1866
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 32KBI + 32KBD on chip, per core
 Secondary Cache: 4096KB(I+D) on chip, shared
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8x1GB DDRII-RAM PC2-4200F (CAS 4-4-4)
 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 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)

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