



CINT2000 Result

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Fujitsu Siemens Computers

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

SPECint_rate2000 = 19.5

SPECint_rate_base2000 = 19.5

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
35	30	25	20	15	10	5					
.....					164.gzip	2	198	16.4	2	198	16.4
.....					175.vpr	2	248	13.1	2	248	13.1
.....					176.gcc	2	99.5	25.6	2	99.5	25.6
.....					181.mcf	2	217	19.2	2	217	19.2
.....					186.crafy	2	167	13.9	2	167	13.9
.....					197.parser	2	225	18.5	2	225	18.5
.....					252.eon	2	146	20.7	2	146	20.7
.....					253.perlbnk	2	206	20.3	2	206	20.3
.....					254.gap	2	112	22.9	2	112	22.9
.....					255.vortex	2	142	31.1	2	142	31.1
.....					256.bzip2	2	206	16.9	2	206	16.9
.....					300.twolf	2	310	22.4	2	310	22.4

Hardware

CPU: Intel Xeon processor 3.20GHz, 2MB L2, 800MHz system bus
CPU MHz: 3200
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 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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