



CINT2000 Result

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Fujitsu Siemens Computers

PRIMERGY TX150 S4, Intel Pentium D 940 processor, 3.20 GHz

SPECint_rate2000 = 36.0

SPECint_rate_base2000 = 36.0

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Apr-2006 | Hardware Avail: May-2006 | Software Avail: Oct-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	2	132	24.7	2	132	24.7
175.vpr	2	131	24.8	2	131	24.8
176.gcc	2	58.3	43.8	2	58.3	43.8
181.mcf	2	105	39.9	2	105	39.9
186.crafy	2	83.8	27.7	2	83.8	27.7
197.parser	2	134	31.2	2	134	31.2
252.eon	2	64.3	46.9	2	64.3	46.9
253.perlbnk	2	92.9	45.0	2	92.9	45.0
254.gap	2	67.9	37.6	2	67.9	37.6
255.vortex	2	70.7	62.4	2	70.7	62.4
256.bzip2	2	125	27.8	2	125	27.8
300.twolf	2	185	37.7	2	185	37.7

Hardware

CPU: Intel Pentium D 940 processor (3.20 GHz, 2x2MB L2, 800MHz system bus)
CPU MHz: 3200
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
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: 4x2048 MB DDRII-RAM PC2-4200E
Disk Subsystem: Fujitsu MAS3735NC (SCSI, 15krpm, 73GB)
Other Hardware: none

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1
Compiler: Intel C++ Compiler 9.0
Build 20051020Z (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 800 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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