



CINT2000 Result

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Fujitsu Siemens Computers

PRIMERGY TX200 S3, Intel Xeon processor 5110, 1.60 GHz

SPECint_rate2000 = 36.0

SPECint_rate_base2000 = 36.0

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	2	144	22.6	2	144	22.6
175.vpr	2	123	26.4	2	123	26.4
176.gcc	2	62.7	40.7	2	62.7	40.7
181.mcf	2	113	37.1	2	113	37.1
186.crafty	2	68.6	33.8	2	68.6	33.8
197.parser	2	144	29.0	2	144	29.0
252.eon	2	63.0	47.8	2	63.0	47.8
253.perlbnk	2	94.7	44.1	2	94.7	44.1
254.gap	2	69.3	36.8	2	69.3	36.8
255.vortex	2	71.8	61.4	2	71.8	61.4
256.bzip2	2	132	26.5	2	132	26.5
300.twolf	2	164	42.4	2	164	42.4

Hardware

CPU: Intel Xeon processor 5110 (1.60 GHz, 4MB L2, 1066 MHz system bus)
CPU MHz: 1600
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1,2 chips
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 4MB(I+D) on chip, per chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)
Disk Subsystem: Seagate ST336754SS (SAS, 15.4krpm, 36GB)
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)

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