



CINT2000 Result

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Fujitsu Siemens Computers

PRIMERGY TX300 S3, Intel Xeon 5110 processor, 1.60 GHz

SPECint_rate2000 = 36.0

SPECint_rate_base2000 = 36.0

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 |
|-------|----|----|----|-------------|-------------|--------------|------------|--------|---------|-------|
| 70 | 60 | 50 | 40 | 30 | 20 | 10 | | | | |
| ..... |  |  |  | 164.zip | 2 | 143 | 22.6 | 2 | 143 | 22.6 |
| ..... |  |  |  | 175.vpr | 2 | 122 | 26.6 | 2 | 122 | 26.6 |
| ..... |  |  |  | 176.gcc | 2 | 63.5 | 40.2 | 2 | 63.5 | 40.2 |
| ..... |  |  |  | 181.mcf | 2 | 106 | 39.5 | 2 | 106 | 39.5 |
| ..... |  |  |  | 186.crafy | 2 | 68.6 | 33.8 | 2 | 68.6 | 33.8 |
| ..... |  |  |  | 197.parser | 2 | 145 | 28.7 | 2 | 145 | 28.7 |
| ..... |  |  |  | 252.eon | 2 | 63.1 | 47.8 | 2 | 63.1 | 47.8 |
| ..... |  |  |  | 253.perlbnk | 2 | 95.0 | 43.9 | 2 | 95.0 | 43.9 |
| ..... |  |  |  | 254.gap | 2 | 69.8 | 36.5 | 2 | 69.8 | 36.5 |
| ..... |  |  |  | 255.vortex | 2 | 73.2 | 60.2 | 2 | 73.2 | 60.2 |
| ..... |  |  |  | 256.bzip2 | 2 | 132 | 26.4 | 2 | 132 | 26.4 |
| ..... |  |  |  | 300.twolf | 2 | 165 | 42.3 | 2 | 165 | 42.3 |

Hardware

CPU: Intel Xeon 5110 processor (1.60 GHz, 4MB SLC, 1066 MHz system bus)
CPU MHz: 1600
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 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 PC2-4200F (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 -DPERLDDL /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)

BIOS configuration:

Adjacent Sector Prefetch = disable

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