



CINT2000 Result

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Fujitsu Siemens Computers

PRIMERGY RX300 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 -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)

BIOS configuration:

Adjacent Sector Prefetch = disable

This result was measured on the PRIMERGY TX300 S3. The PRIMERGY TX300 S3 and the PRIMERGY RX300 S3 are electronically equivalent.

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