



CINT2000 Result

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Fujitsu Siemens Computers

PRIMERGY RX300 S3, Intel Xeon 5050 processor, 3.0 GHz

SPECint_rate2000 = 60.5

SPECint_rate_base2000 = 60.5

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	8	220	59.0	8	220	59.0
175.vpr	8	351	37.0	8	351	37.0
176.gcc	8	118	86.5	8	118	86.5
181.mcf	8	705	23.7	8	705	23.7
186.crafy	8	179	51.8	8	179	51.8
197.parser	8	263	63.6	8	263	63.6
252.eon	8	138	87.6	8	138	87.6
253.perlbnk	8	220	76.0	8	220	76.0
254.gap	8	170	60.1	8	170	60.1
255.vortex	8	171	103	8	171	103
256.bzip2	8	292	47.6	8	292	47.6
300.twolf	8	336	83.0	8	336	83.0

Hardware

CPU: Intel Xeon 5050 processor (3.0 GHz, 2x2MB L2, 667 MHz system bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/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: 8x1GB DDRII-RAM PC2-4200F (CAS 4-4-4)
Disk Subsystem: Seagate ST336754SS (SAS, 15.4krpm, 36GB)
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 667 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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