



CINT2000 Result

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Fujitsu Siemens Computers

PRIMERGY RX100 S4, Intel Pentium D processor 925, 3.0 GHz

SPECint_rate2000 = 34.6

SPECint_rate_base2000 = 34.6

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	138	23.5	2	138	23.5
175.vpr	2	136	23.9	2	136	23.9
176.gcc	2	60.8	42.0	2	60.8	42.0
181.mcf	2	109	38.4	2	109	38.4
186.crafty	2	88.1	26.3	2	88.1	26.3
197.parser	2	141	29.6	2	141	29.6
252.eon	2	63.7	47.3	2	63.7	47.3
253.perlbnk	2	97.8	42.7	2	97.8	42.7
254.gap	2	68.7	37.1	2	68.7	37.1
255.vortex	2	74.2	59.4	2	74.2	59.4
256.bzip2	2	132	26.3	2	132	26.3
300.twolf	2	193	36.1	2	193	36.1

Hardware

CPU: Intel Pentium D processor 925 (3.0 GHz, 2x2MB L2, 800 MHz system bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1 chip
Parallel: No
Primary Cache: 12k micro-ops(I) + 16KB(D) on chip, per core
Secondary Cache: 2048KB(I+D) on chip, per core
L3 Cache: N/A
Other Cache: N/A
Memory: 4x2GB DDRII-RAM PC2-4200E (CAS 4-4-4)
Disk Subsystem: Seagate ST3146854SS (SAS, 15.4krpm, 146GB)
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 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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