



CINT2000 Result

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Fujitsu Siemens Computers

PRIMERGY RX200 S2, Intel Xeon processor 3.20GHz, 2MB L2

SPECint2000 = 1543

SPECint_base2000 = 1543

SPEC license #: 22 Tested by: Fujitsu Siemens Computers Test date: Nov-2005 Hardware Avail: Oct-2005 Software Avail: Sep-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	131	1067	131	1067	
175.vpr	1400	131	1066	131	1066	
176.gcc	1100	59.4	1851	59.4	1851	
181.mcf	1800	101	1782	101	1782	
186.crafty	1000	84.6	1183	84.6	1183	
197.parser	1800	136	1320	136	1320	
252.eon	1300	68.7	1893	68.7	1893	
253.perlbmk	1800	94.9	1896	94.9	1896	
254.gap	1100	63.8	1725	63.8	1725	
255.vortex	1900	72.8	2611	72.8	2611	
256.bzip2	1500	127	1180	127	1180	
300.twolf	3000	184	1627	184	1627	

Hardware

CPU: Intel Xeon processor 3.20GHz, 2MB L2, 800MHz system bus
CPU MHz: 3200
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
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: 8x512 MB DDRII-RAM PC2-3200R
Disk Subsystem: Seagate ST336753LC(U320 SCSI, 15krpm)
Other Hardware: none

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1
Compiler: Intel C++ Compiler 9.0
Build 20050722Z (for 32-bit applications)
Microsoft Visual Studio .Net 2003
7.1.3088 (for libraries)
SmartHeap Library Version 7.4
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
252.eon: Approved srcalt stdcpp is used
253.perlbmk: -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=yes set globally)

New 32-bit Windows tools used, approved in May-2005

The system bus runs at 800 MHz



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Notes/Tuning Information (Continued)

This result was measured with 32-bit binaries using the 32-bit version of the operating system.

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