



CINT2000 Result

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Fujitsu Siemens Computers

PRIMERGY RX200 S2, Intel Xeon processor 3.60GHz, 2MB L2

SPECint2000 = 1712

SPECint_base2000 = 1712

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	1000 2000 3000 4000			
164.gzip	1400	117	1195	117	1195	[Bar chart showing ratio]			
175.vpr	1400	119	1178	119	1178	[Bar chart showing ratio]			
176.gcc	1100	53.5	2057	53.5	2057	[Bar chart showing ratio]			
181.mcf	1800	95.4	1886	95.4	1886	[Bar chart showing ratio]			
186.crafy	1000	75.2	1330	75.2	1330	[Bar chart showing ratio]			
197.parser	1800	122	1472	122	1472	[Bar chart showing ratio]			
252.eon	1300	61.0	2130	61.0	2130	[Bar chart showing ratio]			
253.perlbnk	1800	85.1	2115	85.1	2115	[Bar chart showing ratio]			
254.gap	1100	57.5	1914	57.5	1914	[Bar chart showing ratio]			
255.vortex	1900	66.0	2879	66.0	2879	[Bar chart showing ratio]			
256.bzip2	1500	115	1306	115	1306	[Bar chart showing ratio]			
300.twolf	3000	164	1831	164	1831	[Bar chart showing ratio]			

Hardware

CPU: Intel Xeon processor 3.60GHz, 2MB L2, 800MHz system bus
CPU MHz: 3600
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.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)

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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