



CINT2000 Result

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Fujitsu Siemens Computers
PRIMERGY TX200 S2, 64-bit Intel Xeon 3.40 GHz

SPECint2000 = 1593
SPECint_base2000 = 1593

SPEC license #: 22 Tested by: Fujitsu Siemens Computers Test date: May-2005 Hardware Avail: Mar-2005 Software Avail: Mar-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	123	1136	123	1136	[Bar chart]			
175.vpr	1400	129	1083	129	1083	[Bar chart]			
176.gcc	1100	58.1	1893	58.1	1893	[Bar chart]			
181.mcf	1800	103	1742	103	1742	[Bar chart]			
186.crafy	1000	79.0	1266	79.0	1266	[Bar chart]			
197.parser	1800	131	1371	131	1371	[Bar chart]			
252.eon	1300	61.0	2133	61.0	2133	[Bar chart]			
253.perlbmk	1800	93.0	1936	93.0	1936	[Bar chart]			
254.gap	1100	62.1	1772	62.1	1772	[Bar chart]			
255.vortex	1900	73.5	2587	73.5	2587	[Bar chart]			
256.bzip2	1500	128	1173	128	1173	[Bar chart]			
300.twolf	3000	176	1707	176	1707	[Bar chart]			

Hardware

CPU: 64-bit Intel Xeon (3.40 GHz, 800 MHz bus)
CPU MHz: 3400
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
Secondary Cache: 2048KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4x1024 MB DDR-RAM PC-2700R
Disk Subsystem: Fujitsu MAS3184NC (SCSI U320 15 krpm)
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1
Compiler: Intel C/C++ Compiler 8.1 (20050405Z) for 32-bit applications
Microsoft Visual Studio .Net 2003 7.1.3088 (for libraries)
SmartHeap Library Version 6.03a 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

Peak tuning flags

same as baseline (basepeak=yes set globally)

The system bus runs at 800 MHz

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



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Notes/Tuning Information (Continued)

the operating system.

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