



# CINT2000 Result

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

SPECint\_rate2000 = **18.5**  
SPECint\_rate\_base2000 = **18.5**

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	1	123	13.2	1	123	13.2
175.vpr	1	129	12.6	1	129	12.6
176.gcc	1	58.1	22.0	1	58.1	22.0
181.mcf	1	103	20.2	1	103	20.2
186.crafy	1	79.0	14.7	1	79.0	14.7
197.parser	1	131	15.9	1	131	15.9
252.eon	1	61.0	24.7	1	61.0	24.7
253.perlbnk	1	93.0	22.5	1	93.0	22.5
254.gap	1	62.1	20.6	1	62.1	20.6
255.vortex	1	73.5	30.0	1	73.5	30.0
256.bzip2	1	128	13.6	1	128	13.6
300.twolf	1	176	19.8	1	176	19.8

### 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.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

### 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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