



# CINT2000 Result

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## Fujitsu Siemens Computers

PRIMERGY RX200 S3, Intel Xeon 5060 processor, 3.20 GHz

SPECint\_rate2000 = 38.4

SPECint\_rate\_base2000 = 38.4

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

70 60 50 40 30 20 10					Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
					164.zip	4	200	32.4	4	200	32.4
					175.vpr	4	257	25.3	4	257	25.3
					176.gcc	4	98.3	51.9	4	98.3	51.9
					181.mcf	4	304	27.4	4	304	27.4
					186.crafy	4	171	27.2	4	171	27.2
					197.parser	4	224	37.3	4	224	37.3
					252.eon	4	112	54.1	4	112	54.1
					253.perlbnk	4	200	41.8	4	200	41.8
					254.gap	4	118	43.4	4	118	43.4
					255.vortex	4	144	61.4	4	144	61.4
					256.bzip2	4	218	31.9	4	218	31.9
					300.twolf	4	305	45.6	4	305	45.6

### Hardware

CPU: Intel Xeon 5060 processor (3.20 GHz, 2x2MB L2, 1066 MHz system bus)  
CPU MHz: 3200  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology enabled)  
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: 8x1GB DDRII-RAM PC2-4200F (CAS 4-4-4)  
Disk Subsystem: Seagate ST373454SS (SAS, 15.4krpm, 73GB)  
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.crafy: -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 1066 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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