



# CINT2000 Result

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## Fujitsu Siemens Computers

PRIMERGY TX150 S5, Intel Pentium D processor 945, 3.40 GHz

SPECint\_rate2000 = 38.8

SPECint\_rate\_base2000 = 38.8

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

| Benchmark   | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|-------------|-------------|--------------|------------|--------|---------|-------|
| 164.gzip    | 2           | 121          | 26.9       | 2      | 121     | 26.9  |
| 175.vpr     | 2           | 122          | 26.6       | 2      | 122     | 26.6  |
| 176.gcc     | 2           | 54.2         | 47.1       | 2      | 54.2    | 47.1  |
| 181.mcf     | 2           | 103          | 40.6       | 2      | 103     | 40.6  |
| 186.crafy   | 2           | 77.7         | 29.9       | 2      | 77.7    | 29.9  |
| 197.parser  | 2           | 125          | 33.3       | 2      | 125     | 33.3  |
| 252.eon     | 2           | 56.2         | 53.6       | 2      | 56.2    | 53.6  |
| 253.perlbnk | 2           | 86.5         | 48.3       | 2      | 86.5    | 48.3  |
| 254.gap     | 2           | 60.7         | 42.0       | 2      | 60.7    | 42.0  |
| 255.vortex  | 2           | 66.5         | 66.3       | 2      | 66.5    | 66.3  |
| 256.bzip2   | 2           | 119          | 29.3       | 2      | 119     | 29.3  |
| 300.twolf   | 2           | 170          | 40.9       | 2      | 170     | 40.9  |

### Hardware

CPU: Intel Pentium D processor 945 (3.40 GHz, 2x2MB L2, 800 MHz system bus)  
CPU MHz: 3400  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 12k micro-ops(I) + 16KB(D) on chip, per core  
Secondary Cache: 2048KB(I+D) on chip, per core  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 4x2GB DDRII-RAM PC2-4200E (CAS 4-4-4)  
Disk Subsystem: Western Digital (SATA, 7.2krpm, 160GB)  
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 800 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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