



# CINT2000 Result

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## Fujitsu Siemens Computers

PRIMERGY TX150 S4, Intel Pentium 4 631 processor, 3.0 GHz

SPECint\_rate2000 = 19.1

SPECint\_rate\_base2000 = 19.1

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Apr-2006 | Hardware Avail: May-2006 | Software Avail: Oct-2005

					Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
35	30	25	20	15	10	5					
..... ..... ..... ..... ..... ..... .....					164.zip	2	212	15.3	2	212	15.3
..... ..... ..... ..... ..... ..... .....					175.vpr	2	255	12.7	2	255	12.7
..... ..... ..... ..... ..... ..... .....					176.gcc	2	103	24.7	2	103	24.7
..... ..... ..... ..... ..... ..... .....					181.mcf	2	193	21.7	2	193	21.7
..... ..... ..... ..... ..... ..... .....					186.crafy	2	179	12.9	2	179	12.9
..... ..... ..... ..... ..... ..... .....					197.parser	2	235	17.8	2	235	17.8
..... ..... ..... ..... ..... ..... .....					252.eon	2	141	21.5	2	141	21.5
..... ..... ..... ..... ..... ..... .....					253.perlbnk	2	217	19.3	2	217	19.3
..... ..... ..... ..... ..... ..... .....					254.gap	2	115	22.2	2	115	22.2
..... ..... ..... ..... ..... ..... .....					255.vortex	2	147	30.0	2	147	30.0
..... ..... ..... ..... ..... ..... .....					256.bzip2	2	203	17.2	2	203	17.2
..... ..... ..... ..... ..... ..... .....					300.twolf	2	331	21.1	2	331	21.1

### Hardware

CPU: Intel Pentium 4 631 processor (3.0 GHz, 2MB L2, 800MHz system bus)  
CPU MHz: 3000  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology enabled)  
CPU(s) orderable: 1  
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: 4x2048 MB DDRII-RAM PC2-4200E  
Disk Subsystem: Fujitsu MAS3735NC (SCSI, 15krpm, 73GB)  
Other Hardware: none

### Software

Operating System: Windows Server 2003 Enterprise Edition + SP1  
Compiler: Intel C++ Compiler 9.0  
Build 20051020Z (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)

For information about Fujitsu Siemens Computers in your country please see:  
<http://www.fujitsu-siemens.com/countries>