



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## Fujitsu Siemens Computers

PRIMERGY RX100 S4, Intel Pentium D processor 945, 3.40 GHz

SPECint\_rate2000 = 38.7

SPECint\_rate\_base2000 = 38.7

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	122	26.6	2	122	26.6
175.vpr	2	122	26.6	2	122	26.6
176.gcc	2	54.4	46.9	2	54.4	46.9
181.mcf	2	103	40.7	2	103	40.7
186.crafty	2	77.8	29.8	2	77.8	29.8
197.parser	2	125	33.3	2	125	33.3
252.eon	2	56.2	53.7	2	56.2	53.7
253.perlbnk	2	86.6	48.2	2	86.6	48.2
254.gap	2	62.3	41.0	2	62.3	41.0
255.vortex	2	66.7	66.1	2	66.7	66.1
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 chip  
 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: Seagate ST3146854SS (SAS, 15.4krpm, 146GB)  
 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.crafty: -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.



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

**Fujitsu Siemens Computers**

PRIMERGY RX100 S4, Intel Pentium D processor 945, 3.40 GHz

SPECint\_rate2000 = 38.7

SPECint\_rate\_base2000 = 38.7

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

## Notes/Tuning Information (Continued)

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