



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## Fujitsu Siemens Computers

PRIMERGY BX620 S3, Intel Xeon processor 5148, 2.33 GHz

SPECint\_rate2000 = 51.0

SPECint\_rate\_base2000 = 51.0

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

| Benchmark   | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|-------------|-------------|--------------|------------|--------|---------|-------|
| 164.gzip    | 2           | 98.7         | 32.9       | 2      | 98.7    | 32.9  |
| 175.vpr     | 2           | 88.4         | 36.8       | 2      | 88.4    | 36.8  |
| 176.gcc     | 2           | 44.3         | 57.7       | 2      | 44.3    | 57.7  |
| 181.mcf     | 2           | 86.6         | 48.2       | 2      | 86.6    | 48.2  |
| 186.crafty  | 2           | 47.1         | 49.3       | 2      | 47.1    | 49.3  |
| 197.parser  | 2           | 102          | 41.1       | 2      | 102     | 41.1  |
| 252.eon     | 2           | 43.1         | 70.0       | 2      | 43.1    | 70.0  |
| 253.perlbnk | 2           | 65.7         | 63.6       | 2      | 65.7    | 63.6  |
| 254.gap     | 2           | 49.0         | 52.0       | 2      | 49.0    | 52.0  |
| 255.vortex  | 2           | 51.8         | 85.1       | 2      | 51.8    | 85.1  |
| 256.bzip2   | 2           | 92.9         | 37.5       | 2      | 92.9    | 37.5  |
| 300.twolf   | 2           | 113          | 61.5       | 2      | 113     | 61.5  |

### Hardware

CPU: Intel Xeon processor 5148 (2.33 GHz, 4MB L2, 1333 MHz system bus)  
CPU MHz: 2333  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
CPU(s) orderable: 1,2 chips  
Parallel: No  
Primary Cache: 32KB(I) + 32KB(D) on chip, per core  
Secondary Cache: 4MB(I+D) on chip, per chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)  
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.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 1333 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 BX620 S3, Intel Xeon processor 5148, 2.33 GHz

SPECint\_rate2000 = 51.0

SPECint\_rate\_base2000 = 51.0

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Aug-2006 | Hardware Avail: Oct-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>