



# CINT2000 Result

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## Fujitsu Siemens Computers

PRIMERGY RX600 S2, 64-bit Intel Xeon MP processor 3.33 GHz

SPECint\_rate2000 = 72.8

SPECint\_rate\_base2000 = 72.8

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Apr-2005 | Hardware Avail: Jul-2005 | Software Avail: Jan-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	197	66.1	8	197	66.1
175.vpr	8	274	47.4	8	274	47.4
176.gcc	8	122	83.4	8	122	83.4
181.mcf	8	273	61.2	8	273	61.2
186.crafy	8	158	58.6	8	158	58.6
197.parser	8	227	73.5	8	227	73.5
252.eon	8	125	96.2	8	125	96.2
253.perlbnk	8	202	82.8	8	202	82.8
254.gap	8	143	71.2	8	143	71.2
255.vortex	8	151	117	8	151	117
256.bzip2	8	215	64.8	8	215	64.8
300.twolf	8	369	75.5	8	369	75.5

### Hardware

CPU: 64-bit Intel Xeon MP processor (3.33 GHz, 667 MHz bus)  
CPU MHz: 3333  
FPU: Integrated  
CPU(s) enabled: 4 cores, 4 chips, 1 core/chip (Hyper-Threading Technology enabled)  
CPU(s) orderable: 1,2,4  
Parallel: No  
Primary Cache: 12k micro-ops I + 16KBD on chip  
Secondary Cache: 1024KB(I+D) on chip  
L3 Cache: 8 MB  
Other Cache: N/A  
Memory: 16x1024 MB DDRII-RAM PC2-3200R  
Disk Subsystem: Fujitsu MAS3367NC (SCSI U320 15 krpm)  
Other Hardware:

### Software

Operating System: Windows Server 2003 Enterprise Edition  
Compiler: Intel C++ Compiler 8.1 Build 20050405Z  
Microsoft Visual Studio .Net 2003 7.1.3088 (for libraries)  
SmartHeap Library Version 6.03a 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  
252.eon: Approved srcalt stdcpp is used  
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

### Peak tuning flags

same as baseline (basepeak=yes set globally)

The system bus runs at 667 MHz

This result was measured with 32-bit binaries using the 32-bit version of



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## Notes/Tuning Information (Continued)

the operating system.

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