



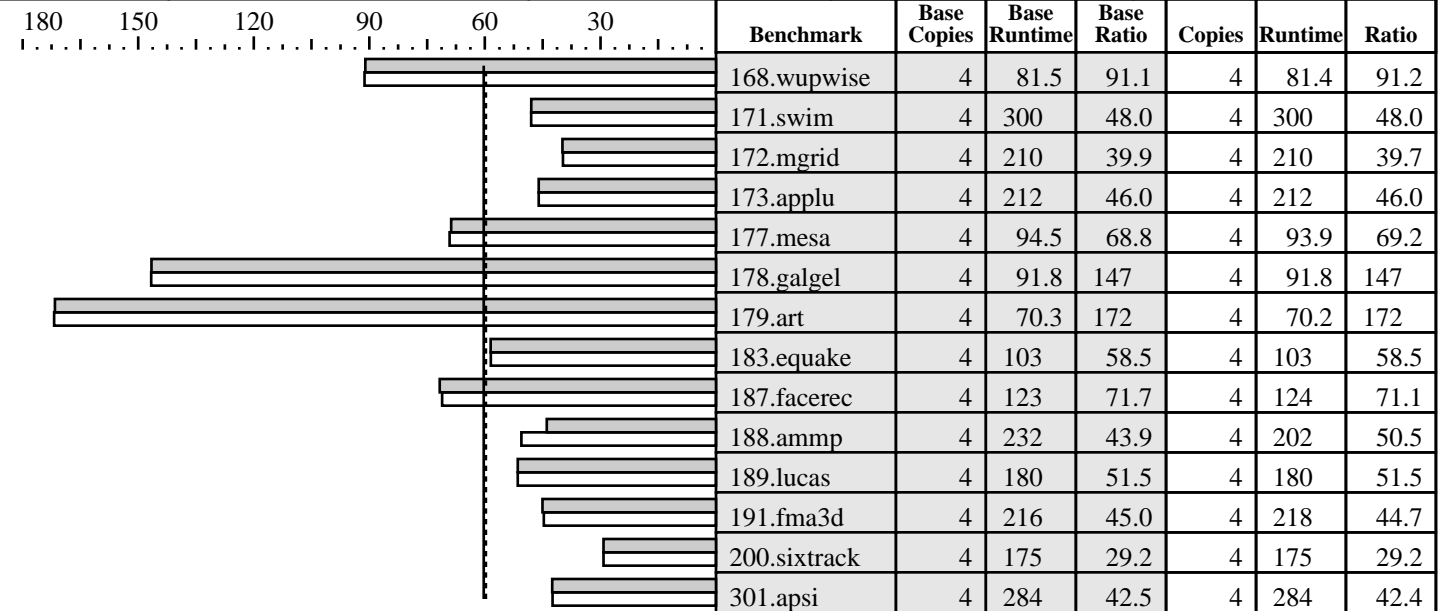
# CFP2000 Result

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Fujitsu Siemens Computers  
CELSIUS R640, Intel Xeon 5110 processor

SPECfp\_rate2000 = 60.3  
SPECfp\_rate\_base2000 = 59.7

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



### Hardware

CPU: Intel Xeon 5110 processor (1.6 GHz, 1066 MHz system bus)  
 CPU MHz: 1600  
 FPU: Integrated  
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip  
 CPU(s) orderable: 1,2 chips  
 Parallel: No  
 Primary Cache: 32KBI + 32KBD on chip, per core  
 Secondary Cache: 4096KB(I+D) on chip, per chip  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 8 GB (8x1 GB DDRII 5300F, 2rank, CL5-5-5, with ECC)  
 Disk Subsystem: Serial ATA 7200 rpm  
 Other Hardware:

### Software

Operating System: Windows XP, 64 bit Edition  
 Compiler: Intel(R) C++ Compiler for 32-bit app., Version 9.1,  
 - Build 20060519Z Package ID: W\_CC\_P\_9.1.025  
 Intel(R) Fortran Compiler for 32-bit app., Version 9.1,  
 - Build 20060519Z Package ID: W\_FC\_P\_9.1.025  
 Microsoft Visual Studio .NET 2003 (for libraries)  
 MicroQuill SmartHeap Library, Version 8 (shlW32M.lib)  
 File System: NTFS  
 System State: Default

## Notes/Tuning Information

Portability flags:  
 178.galgel: -FI /F32000000

Feedback optimization:  
 +FDO: PASS1= -Qprof\_gen PASS2= -Qprof\_use

Baseline Tuning Flags:  
 for C programs:  
 -fast +FDO shlW32M.lib  
 for Fortran programs:  
 -fast +FDO shlW32M.lib

Peak Tuning Flags:  
 173.applu: basepeak=yes  
 168.wupwise: -fast +FDO  
 171.swim: -fast +FDO  
 172.mgrid: -fast +FDO



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## Notes/Tuning Information (Continued)

```
173.applu: basepeak=yes
177.mesa: -fast +FDO ONESTEP=yes
178.galgel: -fast +FDO
179.art: -fast +FDO shlw32M.lib
183.quake: -fast +FDO shlw32M.lib
187.facerec: -fast +FDO
188.amp: -fast +FDO
189.lucas: basepeak=yes
191.fma3d: -fast +FDO
200.sixtrack: -fast +FDO
301.apsi: -fast +FDO
```

### Extra Libraries:

shlw32M.lib = Microquill SmartHeap Library 8  
see [www.microquill.com](http://www.microquill.com)

Compilation was done in  
Windows XP Professional, Service Pack 2

Snoop Filter was enabled in BIOS

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