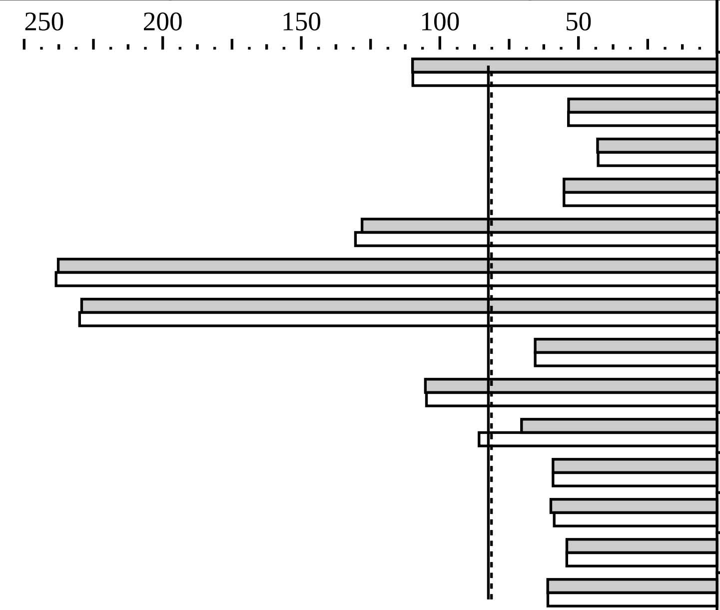
CFP2000 Result

Fujitsu Siemens Computers
CELSIUS R640, Intel Xeon 5160 processor

SPECfp_rate2000 = 82.5

SPECfp_rate_base2000 = 81.4

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	67.6	110	4	67.6	110
171.swim	4	269	53.5	4	268	53.6
172.mgrid	4	194	43.1	4	195	42.9
173.applu	4	176	55.2	4	176	55.2
177.mesa	4	50.7	128	4	49.8	130
178.galgel	4	56.6	238	4	56.4	238
179.art	4	52.6	229	4	52.5	230
183.equake	4	91.9	65.6	4	91.9	65.6
187.facerec	4	83.8	105	4	84.1	105
188.ammp	4	145	70.5	4	119	85.9
189.lucas	4	157	59.2	4	157	59.2
191.fma3d	4	163	60.0	4	166	58.7
200.sixtrack	4	94.2	54.2	4	94.2	54.2
301.apsi	4	198	61.1	4	198	61.0

Hardware

CPU:	Intel Xeon 5160 processor (3.0 GHz, 1333 MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1,2
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
```

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.equake:   -fast +FDO shlW32M.lib
 187.facerec:  -fast +FDO
 188.ammp:     -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

 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
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