CFP2000 Result

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Fujitsu Siemens Computers

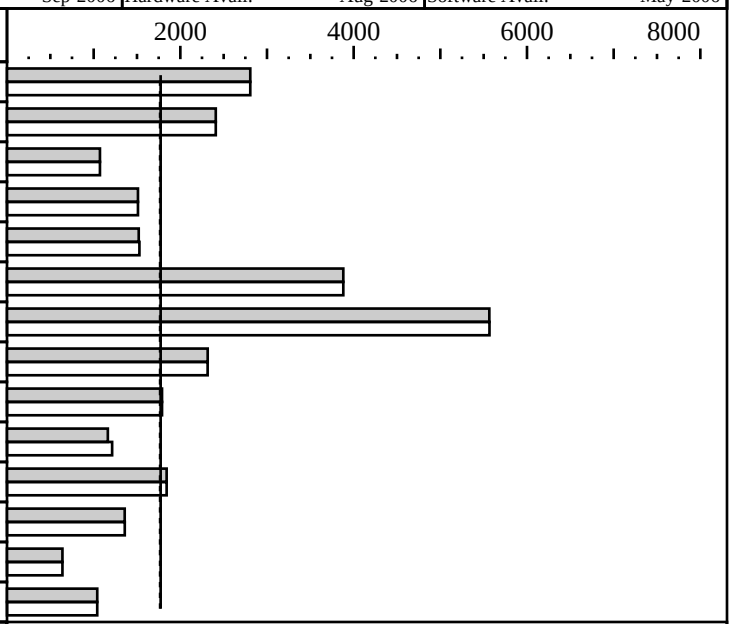
CELSIUS R540, Intel Xeon 5110 processor

SPECfp2000 = 1773

SPECfp_base2000 = 1767

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	57.0	2807	57.0	2807
171.swim	3100	129	2409	129	2409
172.mgrid	1800	168	1073	168	1073
173.applu	2100	139	1511	139	1511
177.mesa	1400	92.1	1520	91.6	1528
178.galgel	2900	74.7	3880	74.7	3880
179.art	2600	46.7	5565	46.7	5567
183.equake	1300	56.1	2316	56.2	2315
187.facerec	1900	106	1789	106	1789
188.ammp	2200	189	1164	181	1213
189.lucas	2000	109	1842	109	1842
191.fma3d	2100	155	1358	155	1359
200.sixtrack	1100	172	640	172	640
301.apsi	2600	250	1041	250	1041



Hardware

CPU:	Intel Xeon 5110 processor (1.6 GHz, 1066 MHz system bus)
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 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:	4 GB (4x1 GB DDR2 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.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


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