CFP2000 Result

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Fujitsu Siemens Computers

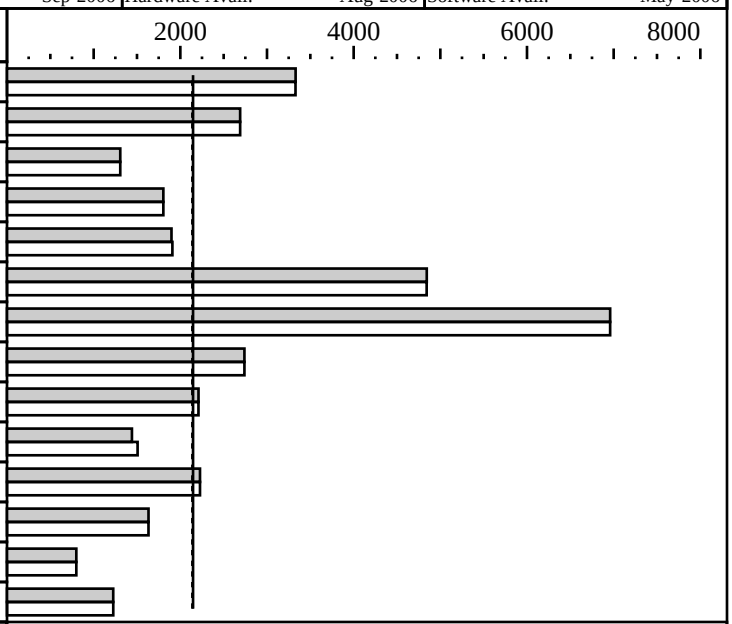
CELSIUS R540, Intel Xeon 5130 processor

SPECfp2000 = 2147

SPECfp_base2000 = 2139

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	48.0	3330	48.1	3329
171.swim	3100	115	2690	115	2690
172.mgrid	1800	138	1307	138	1307
173.applu	2100	116	1804	116	1804
177.mesa	1400	73.8	1898	73.4	1908
178.galgel	2900	59.9	4843	59.9	4842
179.art	2600	37.4	6960	37.4	6959
183.equake	1300	47.5	2740	47.5	2740
187.facerec	1900	86.0	2210	86.0	2209
188.ammp	2200	153	1442	146	1507
189.lucas	2000	89.8	2227	89.8	2227
191.fma3d	2100	129	1633	129	1633
200.sixtrack	1100	138	800	138	800
301.apsi	2600	212	1226	212	1226



Hardware

CPU:	Intel Xeon 5130 processor (2.0 GHz, 1333 MHz system bus)
CPU MHz:	2000
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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