



CFP2000 Result

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Fujitsu Siemens Computers

CELSIUS H240 (Intel Core 2 Duo proc. T7600, 2.33 GHz)

SPECfp_rate2000 = 39.2

SPECfp_rate_base2000 = 38.9

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	62.0	59.9	2	62.0	59.9
171.swim	2	260	27.7	2	260	27.7
172.mgrid	2	163	25.6	2	162	25.8
173.applu	2	199	24.5	2	199	24.5
177.mesa	2	65.5	49.6	2	65.2	49.8
178.galgel	2	70.2	95.8	2	70.3	95.7
179.art	2	57.8	104	2	57.8	104
183.quake	2	76.8	39.3	2	76.7	39.3
187.facerec	2	94.9	46.5	2	94.9	46.4
188.amp	2	166	30.8	2	148	34.6
189.lucas	2	160	29.0	2	160	29.0
191.fma3d	2	164	29.7	2	165	29.6
200.sixtrack	2	121	21.1	2	121	21.2
301.apsi	2	176	34.3	2	176	34.3

Hardware

CPU: Intel Core 2 Duo T7600
 CPU MHz: 2333
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1 chip
 Parallel: No
 Primary Cache: 32KB(I)+32KB(D) on chip, per core
 Secondary Cache: 4096KB(I+D) on chip (per chip)
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 2x1024MB 667MHz CL5 DDR2 SDRAM
 Disk Subsystem: 1 x 100 GB SATA, 7200 rpm
 Other Hardware: None

Software

Operating System: Windows XP Professional, Service Pack 2
 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
```

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