



CFP2000 Result

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Fujitsu Siemens Computers
CELSIUS H230, Intel Pentium M 780

SPECfp2000 = 1375

SPECfp_base2000 = 1355

SPEC license #: 22 Tested by: Fujitsu Siemens Computers Test date: Jul-2005 Hardware Avail: Aug-2005 Software Avail: Jul-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	98.7	1621	98.8	1620	
171.swim	3100	241	1289	241	1289	
172.mgrid	1800	160	1122	161	1121	
173.applu	2100	222	945	220	956	
177.mesa	1400	80.1	1749	80.0	1749	
178.galgel	2900	92.6	3130	92.6	3131	
179.art	2600	78.8	3299	85.4	3043	
183.earthquake	1300	102	1275	77.5	1677	
187.facerec	1900	127	1494	127	1493	
188.ammpp	2200	214	1028	214	1028	
189.lucas	2000	147	1359	147	1359	
191.fma3d	2100	204	1029	204	1029	
200.sixtrack	1100	190	580	190	580	
301.apsi	2600	235	1106	235	1106	

Hardware

CPU: Intel Pentium M 780 (2.26 GHz)
 CPU MHz: 2260
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1
 Parallel: No
 Primary Cache: 32KB(I) + 32KB(D) on chip
 Secondary Cache: 2048KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 2 GB (2x1 GB DDRII 533, CL4-4-4)
 Disk Subsystem: Serial ATA 7200 rpm
 Other Hardware:

Software

Operating System: Windows XP Professional, Service Pack 1
 Compiler: Intel(R) C++ Compiler, Version 9.0 for 32-bit,
 - Build 20050430Z Package ID: W_CC_P_9.0.019
 Intel(R) Fortran Compiler, Version 9.0,
 - Build 20050430Z Package ID: W_FC_P_9.0.018
 Microsoft Visual Studio .NET 2003 (for libraries)
 MicroQuill SmartHeap Library 6.03a
 File System: NTFS
 System State: Default

Notes/Tuning Information

Portability flags:

178.galgel: -FI /F32000000
 191.fma3d: Approved src.alt windowsdp used

Feedback optimization:

+FDO: PASS1= -Qprof_gen PASS2= -Qprof_use

Baseline Tuning Flags:

for C programs:
 -QxB -Qipo -O3 +FDO
 for Fortran programs:
 -QxB -Qipo -O3 +FDO

Peak Tuning Flags:

168.wupwise: -QxB -Qipo -O3 +FDO
 171.swim: -QxB -Qipo -O3 +FDO
 172.mgrid: -QxB -Qipo -O3 +FDO



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Notes/Tuning Information (Continued)

```
173.applu: -QxB -Qipo -O3 -Qscalar_rep- -Qauto +FDO
177.mesa: -QxB -Qipo -O3 +FDO
178.galgel: -QxB -Qipo -O3 +FDO
179.art: -QxB -Qipo -O3 +FDO shlw32M.lib
183.equake: -QxB -Qipo -O3 +FDO shlw32M.lib
187.facerec: -QxB -Qipo -O3 +FDO
188.amp: -QxB -Qipo -O3 +FDO
189.lucas: -QxB -Qipo -O3 +FDO
191.fma3d: -QxB -Qipo -O3 +FDO
200.sixtrack: -QxB -Qipo -O3 +FDO
301.apsi: -QxB -Qipo -O3 +FDO
```

Extra Libraries:

shlw32M.lib = Microquill SmartHeap Library 6.03a
see www.microquill.com

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