CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

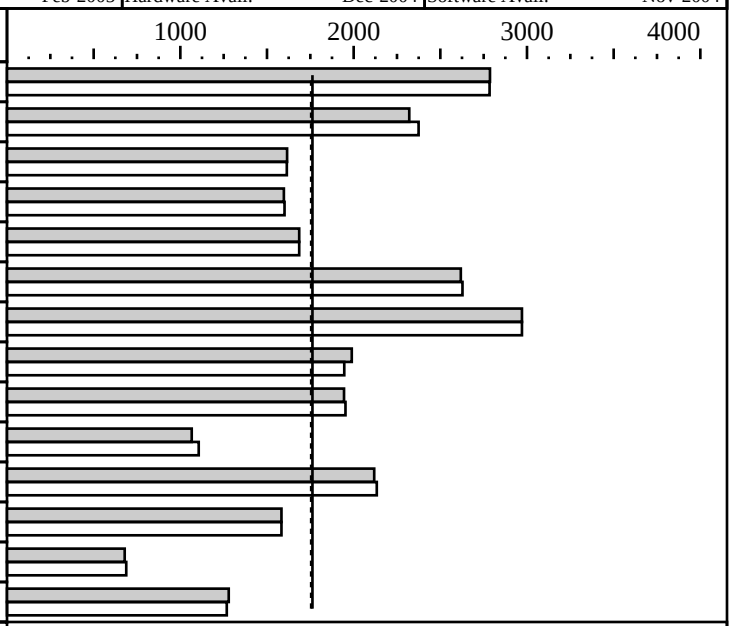
Fujitsu Siemens Computers
CELSIUS M430, Pentium 4 3.8 GHz

SPECfp2000 = 1762

SPECfp_base2000 = 1755

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Feb-2005 | Hardware Avail: Dec-2004 | Software Avail: Nov-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	57.4	2786	57.5	2784
171.swim	3100	134	2321	131	2375
172.mgrid	1800	111	1616	112	1614
173.applu	2100	131	1597	131	1601
177.mesa	1400	83.0	1686	83.0	1686
178.galgel	2900	111	2618	110	2628
179.art	2600	87.5	2971	87.5	2971
183.equake	1300	65.4	1989	66.8	1946
187.facerec	1900	97.7	1944	97.3	1953
188.ammp	2200	206	1066	199	1106
189.lucas	2000	94.4	2119	93.8	2133
191.fma3d	2100	133	1583	133	1583
200.sixtrack	1100	162	679	160	688
301.apsi	2600	203	1279	205	1268



Hardware

CPU:	Intel Pentium 4 (3.8 GHz, 800 MHz bus)
CPU MHz:	3800
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2 GB (4x512 MB DDRII 533, CL4-4-4, with ECC)
Disk Subsystem:	Maxtor 6Y160M0 (Serial ATA 7200 rpm)
Other Hardware:	

Software

Operating System:	Windows XP Professional, Service Pack 1
Compiler:	Intel(R) C++ Compiler, Version 8.1, - Build 20041019Z, Package ID: W_CC_PU_8.1.020 Intel(R) Fortran Compiler, Version 8.1 - Build 20041019Z, Package ID: w_fc_pu_8.1.023 Microsoft Visual Studio .NET 7.0 (for libraries) MicroQuill SmartHeap Library 6.03a
File System:	FAT32
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 -Qansi_alias +FDO
 for Fortran programs:
 -fast -Qansi_alias +FDO

 Peak Tuning Flags:
 168.wupwise:  -fast -Qansi_alias +FDO
 171.swim:     -fast -Qansi_alias +FDO
 172.mgrid:    -fast -Qansi_alias +FDO
 173.applu:    -fast -Qscalar_rep- -Qauto +FDO
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
 177.mesa:     basepeak=yes
 178.galgel:   -fast -Qansi_alias +FDO
 179.art:      basepeak=yes
 183.equake:   -QxP -Oa -Qrcd -Qipo +FDO
 187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
 188.ammp:     -Oa -QxP
 189.lucas:    -fast -Qprefetch- +FDO
 191.fma3d:    basepeak=yes
 200.sixtrack: -Qipo -QxP +FDO
 301.apsi:     -fast +FDO

The system bus runs at 800 MHz

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