CFP2000 Result

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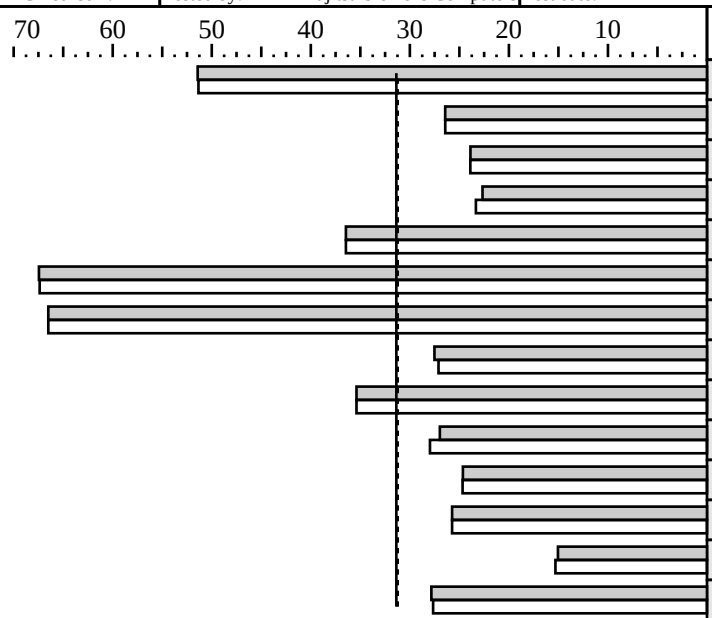
Fujitsu Siemens Computers
CELSIUS R630, Intel Xeon 3.6 GHz

SPECfp_rate2000 = 31.4

SPECfp_rate_base2000 = 31.2

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	72.2	51.4	2	72.3	51.3
171.swim	2	272	26.4	2	272	26.4
172.mgrid	2	175	23.9	2	175	23.9
173.applu	2	215	22.7	2	209	23.3
177.mesa	2	89.1	36.5	2	89.1	36.5
178.galgel	2	99.8	67.4	2	99.9	67.4
179.art	2	90.7	66.5	2	90.7	66.5
183.equake	2	110	27.5	2	111	27.1
187.facerec	2	125	35.4	2	125	35.4
188.ammp	2	189	27.0	2	182	28.0
189.lucas	2	188	24.6	2	188	24.7
191.fma3d	2	189	25.7	2	189	25.7
200.sixtrack	2	170	15.0	2	167	15.3
301.apsi	2	217	27.8	2	218	27.7

Hardware

CPU:	Intel Xeon (3.6 GHz, 800 MHz bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 GB (8x512 MB DDRII 400, CL3-3-3, with ECC)
Disk Subsystem:	Fujitsu MAP3367NP (SCSI Ultra 320)
Other Hardware:	

Software

Operating System:	Windows XP Professional, Service Pack 2
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
191.fma3d: Approved src.alt windowsdp is used

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
```

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Notes/Tuning Information (Continued)

```
 173.applu:    -fast -Qscalar_rep- -Qauto +FDO
 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
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