CFP2000 Result

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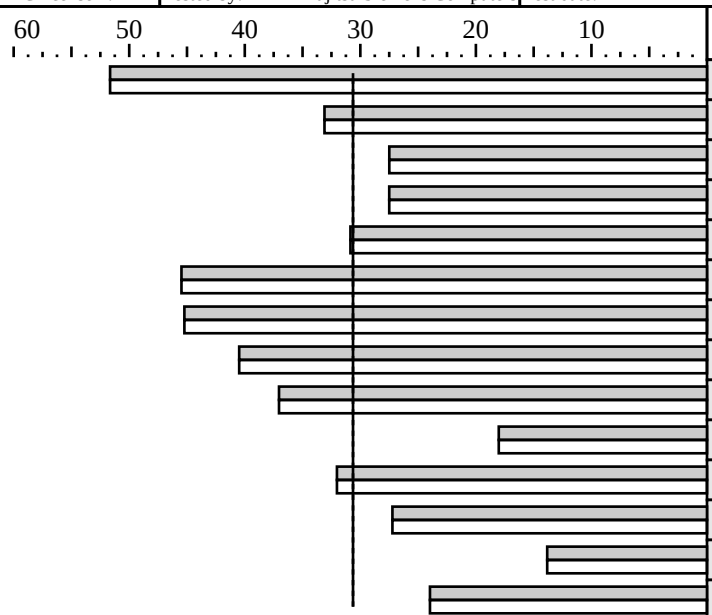
Fujitsu Siemens Computers

PRIMERGY TX150 S4, Intel Pentium D processor 830

SPECfp_rate2000 = 30.6

SPECfp_rate_base2000 = 30.6

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Jan-2006 | Hardware Avail: Jan-2006 | Software Avail: Oct-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	71.9	51.7	2	71.9	51.7
171.swim	2	217	33.1	2	217	33.1
172.mgrid	2	152	27.5	2	152	27.5
173.applu	2	177	27.5	2	177	27.5
177.mesa	2	105	30.9	2	105	30.9
178.galgel	2	148	45.5	2	148	45.5
179.art	2	133	45.2	2	133	45.2
183.equake	2	74.5	40.5	2	74.5	40.5
187.facerec	2	119	37.0	2	119	37.0
188.ammp	2	283	18.0	2	283	18.0
189.lucas	2	145	32.0	2	145	32.0
191.fma3d	2	179	27.2	2	179	27.2
200.sixtrack	2	185	13.8	2	185	13.8
301.apsi	2	252	24.0	2	252	24.0

Hardware

CPU:	Intel Pentium D processor 830 3.0GHz, 2x1MB L2, 800MHz system bus
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip, per core
Secondary Cache:	1024KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x1024 MB DDRII-RAM PC2-4300
Disk Subsystem:	Fujitsu MAS3735NC (SCSI, 15krpm)
Other Hardware:	none

Software

Operating System:	Windows Server 2003 Enterprise Edition + SP1
Compiler:	Intel C++ and Fortran Compiler 9.0 Build 20051020Z (for 32-bit applications), Microsoft Visual Studio .Net 2003 7.1.3088 (for libraries), SmartHeap Library Version 8.0 from http://www.microquill.com
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
GENERAL
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use

Portability flags
   178.galgel:  -FI /F32000000

Base tuning flags
   for Fortran programs: -fast -Qansi_alias +FDO shlW32M.lib
   for C programs:       -fast +FDO shlW32M.lib

Peak tuning flags
   same as baseline (basepeak=true set globally)

The system bus runs at 800 MHz

This result was measured with 32-bit binaries using the 32-bit version of
the operating system.
```

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Notes/Tuning Information (Continued)

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