CFP2000 Result

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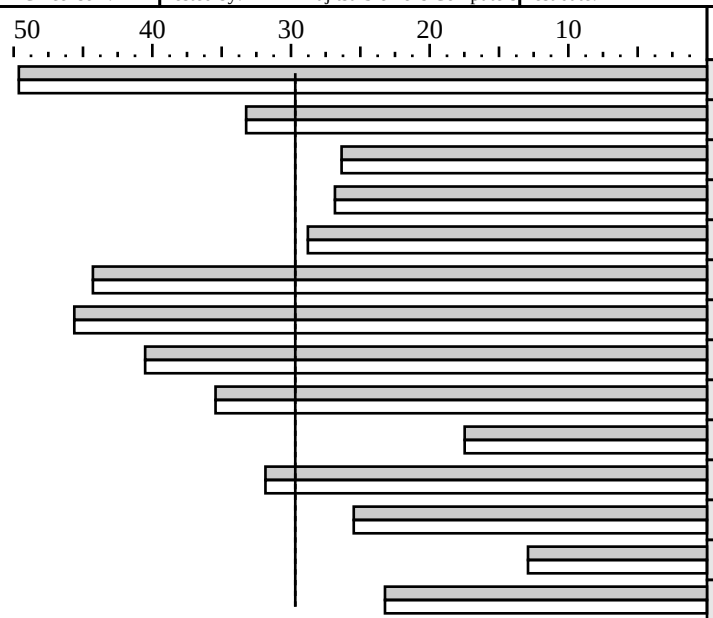
Fujitsu Siemens Computers
PRIMERGY TX150 S4, Intel Pentium D 820

SPECfp_rate2000 = 29.7

SPECfp_rate_base2000 = 29.7

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	74.8	49.6	2	74.8	49.6
171.swim	2	216	33.2	2	216	33.2
172.mgrid	2	158	26.4	2	158	26.4
173.applu	2	182	26.8	2	182	26.8
177.mesa	2	113	28.8	2	113	28.8
178.galgel	2	152	44.3	2	152	44.3
179.art	2	132	45.6	2	132	45.6
183.equake	2	74.4	40.5	2	74.4	40.5
187.facerec	2	124	35.4	2	124	35.4
188.ammp	2	292	17.5	2	292	17.5
189.lucas	2	146	31.8	2	146	31.8
191.fma3d	2	191	25.5	2	191	25.5
200.sixtrack	2	198	12.9	2	198	12.9
301.apsi	2	260	23.2	2	260	23.2

Hardware

CPU:	Intel Pentium D 820 (2.80 GHz, 800 MHz bus)
CPU MHz:	2800
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:	4x2048 MB DDRII-RAM PC2-4300
Disk Subsystem:	Fujitsu MAS3735NC (U320, 73GB, 15krpm)
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise Edition + SP1
Compiler:	Intel C++ and Fortran Compiler 9.0 Build 20050722Z (for 32-bit applications) Microsoft Visual Studio .Net 2003 7.1.3088 (for libraries) SmartHeap Library Version 7.4 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 shlW32M.lib +FDO
   for C programs:       -fast shlW32M.lib +FDO

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

New 32-bit Windows tools used, approved in May-2005

The system bus runs at 800 MHz
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Notes/Tuning Information (Continued)

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

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