CFP2000 Result

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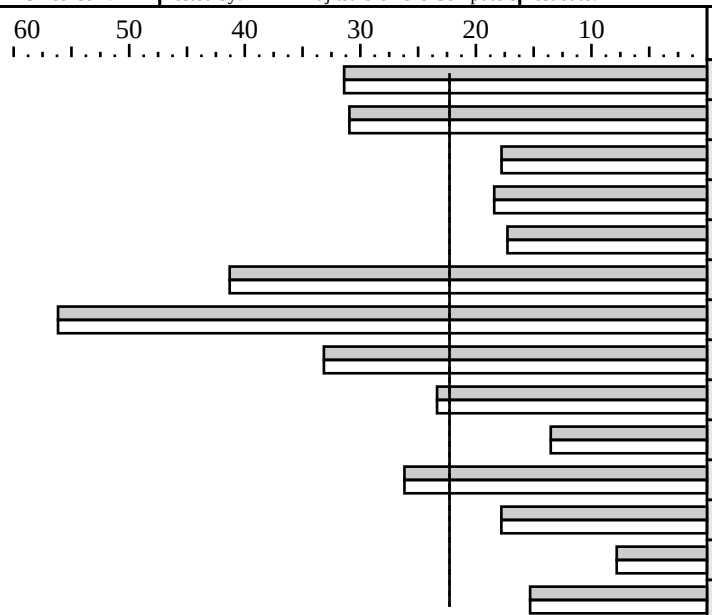
Fujitsu Siemens Computers
PRIMERGY RX100 S3, Intel Pentium 4 650

SPECfp_rate2000 = 22.3

SPECfp_rate_base2000 = 22.3

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	1	59.1	31.4	1	59.1	31.4
171.swim	1	116	30.9	1	116	30.9
172.mgrid	1	117	17.8	1	117	17.8
173.applu	1	132	18.4	1	132	18.4
177.mesa	1	94.0	17.3	1	94.0	17.3
178.galgel	1	81.4	41.3	1	81.4	41.3
179.art	1	53.7	56.2	1	53.7	56.2
183.equake	1	45.5	33.2	1	45.5	33.2
187.facerec	1	94.3	23.4	1	94.3	23.4
188.ammp	1	189	13.5	1	189	13.5
189.lucas	1	88.6	26.2	1	88.6	26.2
191.fma3d	1	137	17.8	1	137	17.8
200.sixtrack	1	163	7.81	1	163	7.81
301.apsi	1	197	15.3	1	197	15.3

Hardware

CPU:	Intel Pentium 4 650 (3.40 GHz, 800 MHz bus)
CPU MHz:	3400
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:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2048 MB DDRII-RAM PC2-4300
Disk Subsystem:	Seagate ST380013AS (SATA, 7.2krpm)
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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