CFP2000 Result

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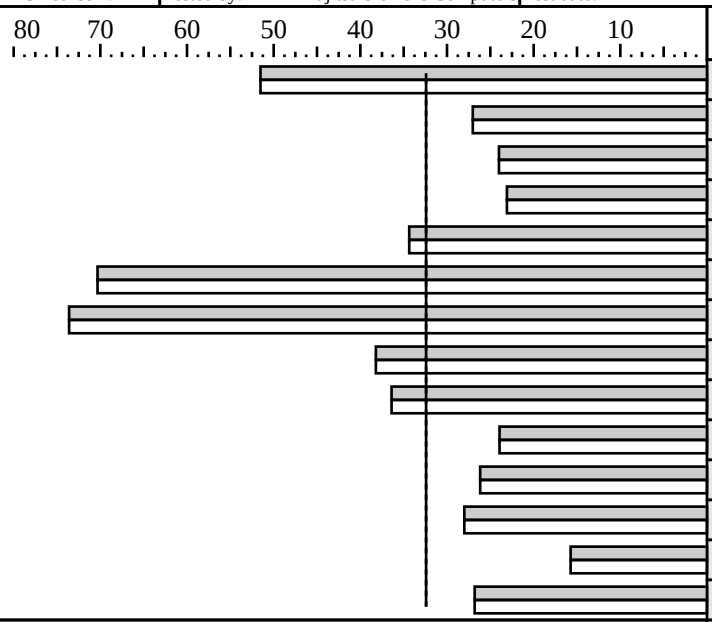
Fujitsu Siemens Computers

PRIMERGY TX300 S2, 64-bit Intel Xeon 3.40 GHz

SPECfp_rate2000 = 32.4

SPECfp_rate_base2000 = 32.4

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	72.0	51.5	2	72.0	51.5
171.swim	2	266	27.0	2	266	27.0
172.mgrid	2	174	24.0	2	174	24.0
173.applu	2	211	23.1	2	211	23.1
177.mesa	2	94.5	34.4	2	94.5	34.4
178.galgel	2	95.7	70.3	2	95.7	70.3
179.art	2	82.0	73.6	2	82.0	73.6
183.equake	2	78.9	38.2	2	78.9	38.2
187.facerec	2	121	36.4	2	121	36.4
188.ammp	2	213	23.9	2	213	23.9
189.lucas	2	177	26.2	2	177	26.2
191.fma3d	2	174	28.0	2	174	28.0
200.sixtrack	2	162	15.7	2	162	15.7
301.apsi	2	225	26.8	2	225	26.8

Hardware

CPU:	64-bit Intel Xeon processor 3.4GHz, 2MB L2, 800MHz system bus
CPU MHz:	3400
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:	8x512 MB DDRII-RAM PC2-3200R
Disk Subsystem:	Fujitsu MAS3184NC (U320, 15krpm)
Other Hardware:	none

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 +FDO shlw32M.lib
   for C programs:       -fast +FDO shlw32M.lib

Peak tuning flags
   same as baseline (basepeak=true 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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