CFP2000 Result

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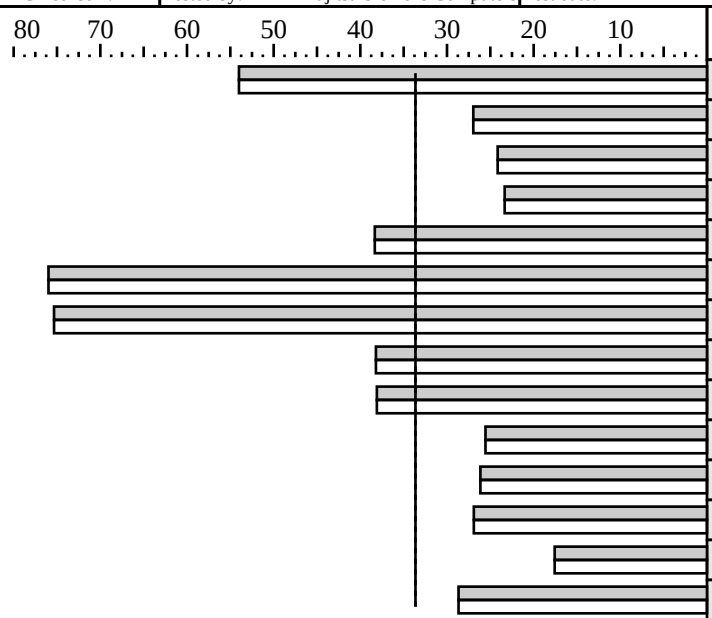
Fujitsu Siemens Computers

PRIMERGY TX300 S2, Intel Xeon processor 3.80GHz, 2MB L2

SPECfp_rate2000 = 33.6

SPECfp_rate_base2000 = 33.6

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	68.7	54.0	2	68.7	54.0
171.swim	2	267	27.0	2	267	27.0
172.mgrid	2	173	24.2	2	173	24.2
173.applu	2	209	23.3	2	209	23.3
177.mesa	2	84.7	38.3	2	84.7	38.3
178.galgel	2	88.5	76.0	2	88.5	76.0
179.art	2	80.1	75.3	2	80.1	75.3
183.equake	2	79.0	38.2	2	79.0	38.2
187.facerec	2	116	38.1	2	116	38.1
188.ammp	2	200	25.6	2	200	25.6
189.lucas	2	177	26.1	2	177	26.1
191.fma3d	2	181	26.9	2	181	26.9
200.sixtrack	2	145	17.6	2	145	17.6
301.apsi	2	210	28.7	2	210	28.7

Hardware

CPU:	Intel Xeon processor 3.80GHz, 2MB L2, 800MHz system bus
CPU MHz:	3800
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 MAS3367NC(SCSI 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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