CFP2000 Result

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Fujitsu Siemens Computers

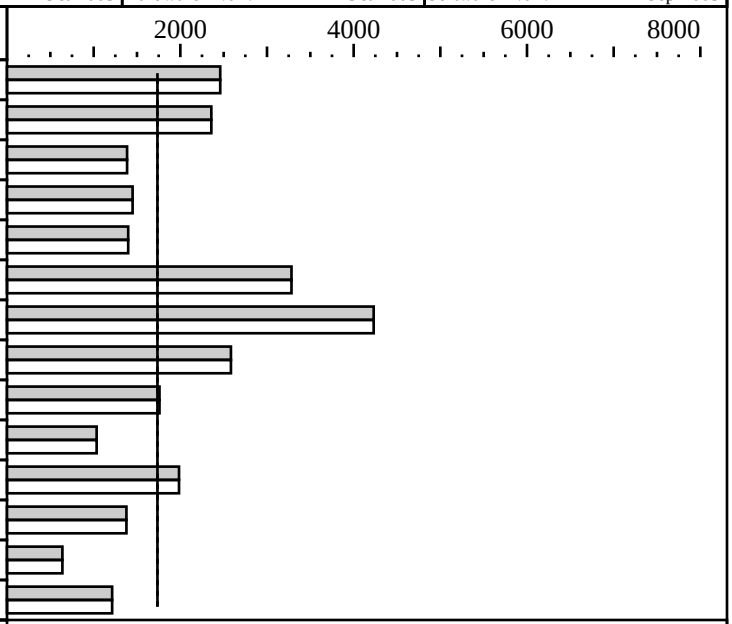
PRIMERGY TX300 S2, 64-bit Intel Xeon 3.20 GHz

SPECfp2000 = 1736

SPECfp_base2000 = 1736

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	65.0	2460	65.0	2460
171.swim	3100	131	2358	131	2358
172.mgrid	1800	130	1386	130	1386
173.applu	2100	145	1449	145	1449
177.mesa	1400	100	1398	100	1398
178.galgel	2900	88.3	3283	88.3	3283
179.art	2600	61.5	4231	61.5	4231
183.equake	1300	50.3	2584	50.3	2584
187.facerec	1900	108	1760	108	1760
188.ammp	2200	213	1034	213	1034
189.lucas	2000	101	1985	101	1985
191.fma3d	2100	152	1378	152	1378
200.sixtrack	1100	172	639	172	639
301.apsi	2600	214	1213	214	1213



Hardware

CPU:	64-bit Intel Xeon processor 3.2GHz, 2MB L2, 800MHz system bus
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 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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