CFP2000 Result

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Fujitsu Siemens Computers

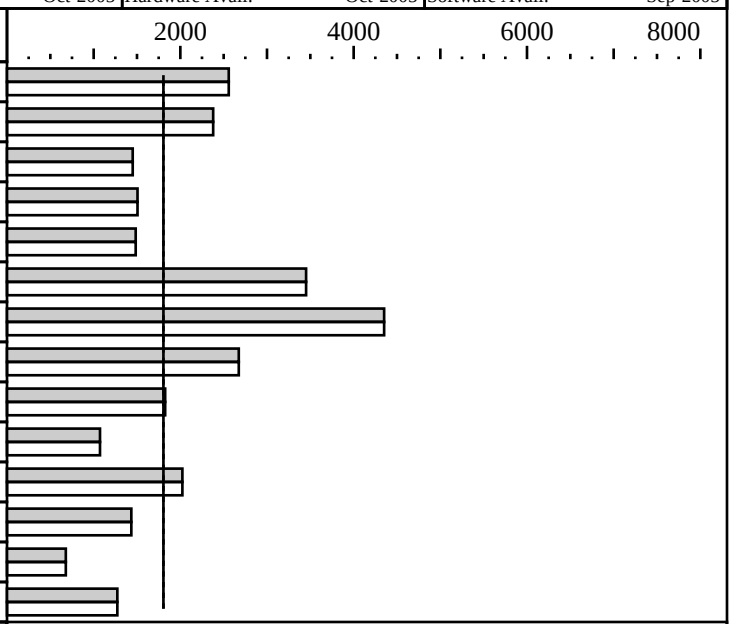
PRIMERGY TX300 S2, 64-bit Intel Xeon 3.40 GHz

SPECfp2000 = 1805

SPECfp_base2000 = 1805

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	62.5	2559	62.5	2559
171.swim	3100	130	2379	130	2379
172.mgrid	1800	124	1451	124	1451
173.applu	2100	139	1506	139	1506
177.mesa	1400	94.3	1485	94.3	1485
178.galgel	2900	84.0	3451	84.0	3451
179.art	2600	59.8	4351	59.8	4351
183.equake	1300	48.6	2674	48.6	2674
187.facerec	1900	104	1825	104	1825
188.ammp	2200	205	1073	205	1073
189.lucas	2000	98.8	2024	98.8	2024
191.fma3d	2100	146	1435	146	1435
200.sixtrack	1100	162	679	162	679
301.apsi	2600	204	1273	204	1273



Hardware

CPU:	64-bit Intel Xeon processor 3.4GHz, 2MB L2, 800MHz system bus
CPU MHz:	3400
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

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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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