CFP2000 Result

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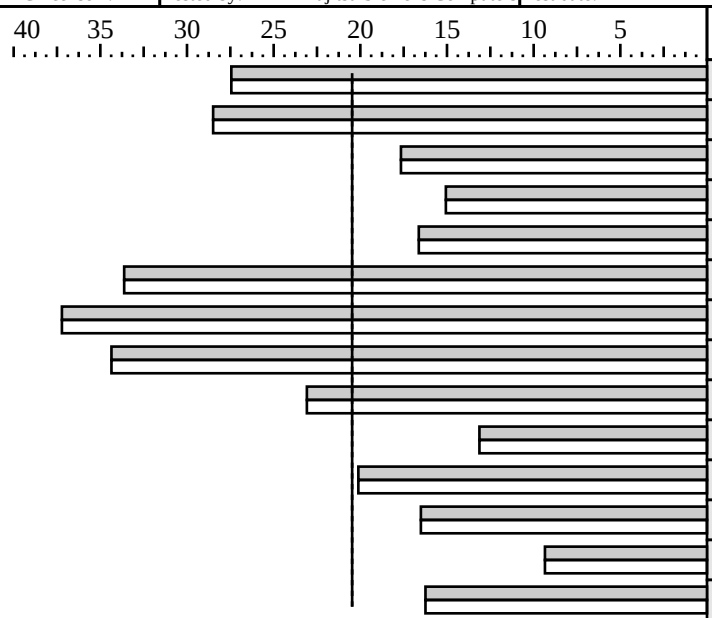
Fujitsu Siemens Computers

PRIMERGY TX300 S2, 64-bit Intel Xeon 3.20 GHz

SPECfp_rate2000 = 20.5

SPECfp_rate_base2000 = 20.5

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	135	27.4	2	135	27.4
171.swim	2	252	28.5	2	252	28.5
172.mgrid	2	237	17.7	2	237	17.7
173.applu	2	323	15.1	2	323	15.1
177.mesa	2	195	16.6	2	195	16.6
178.galgel	2	200	33.6	2	200	33.6
179.art	2	162	37.2	2	162	37.2
183.equake	2	87.8	34.4	2	87.8	34.4
187.facerec	2	191	23.1	2	191	23.1
188.ammp	2	389	13.1	2	389	13.1
189.lucas	2	231	20.1	2	231	20.1
191.fma3d	2	295	16.5	2	295	16.5
200.sixtrack	2	273	9.35	2	273	9.35
301.apsi	2	371	16.2	2	371	16.2

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 enabled)
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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