CFP2000 Result

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Fujitsu Siemens Computers

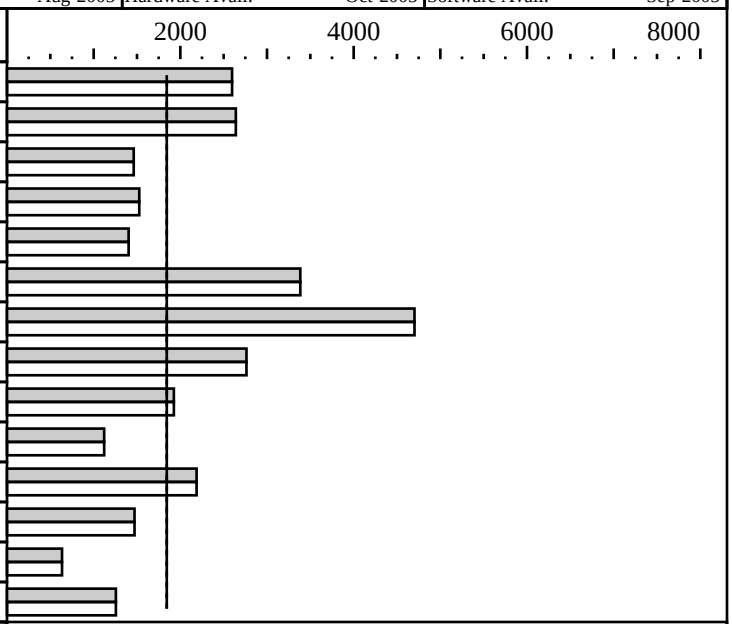
PRIMERGY Econel 100, Intel Pentium 4 processor 640, 3.2GHz

SPECfp2000 = 1843

SPECfp_base2000 = 1843

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	61.6	2597	61.6	2597
171.swim	3100	117	2640	117	2640
172.mgrid	1800	123	1462	123	1462
173.applu	2100	138	1526	138	1526
177.mesa	1400	99.8	1403	99.8	1403
178.galgel	2900	85.7	3384	85.7	3384
179.art	2600	55.3	4702	55.3	4702
183.equake	1300	47.0	2763	47.0	2763
187.facerec	1900	98.7	1925	98.7	1925
188.ammp	2200	196	1121	196	1121
189.lucas	2000	91.4	2188	91.4	2188
191.fma3d	2100	143	1471	143	1471
200.sixtrack	1100	173	635	173	635
301.apsi	2600	207	1257	207	1257



Hardware

CPU:	Intel Pentium 4 processor 640, 3.20GHz, 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
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip
Secondary Cache:	2MB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2048 MB DDRII-RAM PC2-4200
Disk Subsystem:	Seagate ST3160023AS (SATA, 7.2krpm)
Other Hardware:	

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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