Fujitsu Siemens Computers

PRIMERGY Econel 100, Intel Pentium D processor 820, 2.8GHz

SPECint_rate2000 = 29.2
SPECint_rate_base2000 = 29.2

Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio
--- | --- | --- | --- | --- | --- | ---
164.gzip | 2 | 150 | 21.7 | 2 | 150 | 21.7
175.vpr | 2 | 171 | 19.0 | 2 | 171 | 19.0
176gcc | 2 | 71.2 | 35.8 | 2 | 71.2 | 35.8
181.mcf | 2 | 178 | 23.5 | 2 | 178 | 23.5
186.crafty | 2 | 96.3 | 21.7 | 2 | 96.3 | 21.7
197.parser | 2 | 162 | 23.5 | 2 | 162 | 23.5
252.eon | 2 | 77.8 | 38.8 | 2 | 77.8 | 38.8
253.perlbmk | 2 | 108 | 38.5 | 2 | 108 | 38.5
254.gap | 2 | 74.9 | 34.1 | 2 | 74.9 | 34.1
255.vortex | 2 | 86.0 | 51.3 | 2 | 86.0 | 51.3
256.bzip2 | 2 | 163 | 21.3 | 2 | 163 | 21.3
300.twolf | 2 | 219 | 31.7 | 2 | 219 | 31.7

Hardware

CPU: Intel Pentium D processor 820, 2.80GHz, 800MHz system bus
CPU MHz: 2800
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 12k micro-ops I + 16KBD on chip, per core
Secondary Cache: 1024KB (I+D) on chip, per core
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
File System: NTFS
System State: Default

Notes/Tuning Information

GENERAL
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

Portability flags
176.gcc: -Dalloca=_alloca /F10000000
186.crafty: -DTNT_i386
252.eon: Approved srcalt stdcpp is used
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

Base tuning flags
for C programs: -fast +FDO shlW32M.lib
for C++ programs: -fast -Qcxx_features +FDO shlW32M.lib

Peak tuning flags
same as baseline (basepeak=yes set globally)

New 32-bit Windows tools used, approved in May-2005
The system bus runs at 800 MHz
<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>SPECint_rate2000</th>
<th>SPECint_rate_base2000</th>
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<tr>
<td>Fujitsu Siemens</td>
<td>29.2</td>
<td>29.2</td>
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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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