Fujitsu Siemens Computers
PRIMERGY RX100 S3, Intel Pentium D 820

SPECfp_rate2000 = 29.7
SPECfp_rate_base2000 = 29.7

Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
--- | --- | --- | --- | --- | --- | --- |
168. wupwise | 2 | 74.8 | 49.6 | 2 | 74.8 | 49.6 |
171. swim | 2 | 216 | 33.2 | 2 | 216 | 33.2 |
172. mgrid | 2 | 158 | 26.4 | 2 | 158 | 26.4 |
173. applu | 2 | 182 | 26.8 | 2 | 182 | 26.8 |
177. mesa | 2 | 112 | 28.9 | 2 | 112 | 28.9 |
178. galgel | 2 | 152 | 44.3 | 2 | 152 | 44.3 |
179. art | 2 | 132 | 45.8 | 2 | 132 | 45.8 |
183. equake | 2 | 74.4 | 40.5 | 2 | 74.4 | 40.5 |
187. facerec | 2 | 124 | 35.6 | 2 | 124 | 35.6 |
188. ammp | 2 | 292 | 17.5 | 2 | 292 | 17.5 |
189. lucas | 2 | 146 | 31.7 | 2 | 146 | 31.7 |
191. fma3d | 2 | 192 | 25.4 | 2 | 192 | 25.4 |
200. sixtrack | 2 | 198 | 12.9 | 2 | 198 | 12.9 |
301. apsi | 2 | 261 | 23.1 | 2 | 261 | 23.1 |

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 shlW32M.lib +FDO
for C programs: -fast shlW32M.lib +FDO

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

Hardware
CPU: Intel Pentium D 820 (2.80 GHz, 800 MHz 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 PC2-4300
Disk Subsystem: Seagate ST380013AS (SATA, 7.2krpm)
Other Hardware:

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

Software
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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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