Fujitsu Siemens Computers
PRIMERGY TX600 S3, Intel Xeon processor 7120M, 3.0 GHz

SPECint_rate2000 = 64.3
SPECint_rate_base2000 = 64.3

Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
--- | --- | --- | --- | --- | --- | --- |
164.gzip | 8 | 219 | 59.2 | 8 | 219 | 59.2 |
175.vpr | 8 | 332 | 39.2 | 8 | 332 | 39.2 |
176.gcc | 8 | 119 | 85.5 | 8 | 119 | 85.5 |
181.mcf | 8 | 411 | 40.6 | 8 | 411 | 40.6 |
186.crafty | 8 | 181 | 51.2 | 8 | 181 | 51.2 |
197.parser | 8 | 264 | 63.3 | 8 | 264 | 63.3 |
252.eon | 8 | 118 | 102 | 8 | 118 | 102 |
253.perlbmk | 8 | 221 | 75.7 | 8 | 221 | 75.7 |
254.gap | 8 | 144 | 70.9 | 8 | 144 | 70.9 |
255.vortex | 8 | 176 | 100 | 8 | 176 | 100 |
256.bzip2 | 8 | 266 | 52.3 | 8 | 266 | 52.3 |
300.twolf | 8 | 417 | 66.8 | 8 | 417 | 66.8 |

Hardware
CPU: Intel Xeon processor 7120M (3.0 GHz, 2x1MB L2, 4MB L3, 800 MHz system bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)
Parallel: No
Primary Cache: 12k micro-ops(I) + 16KB(D) on chip, per core
Secondary Cache: 1024KB(I+D) on chip, per core
L3 Cache: 4MB on chip, per chip
Other Cache: N/A
Memory: 16x1GB DDRII-RAM PC2-3200R (CAS 3-3-3)
Disk Subsystem: Fujitsu MAS3367NC (SCSI 15krpm, 36GB)
Other Hardware: none

Software
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: -DNT_i386
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=true set globally)

The system bus runs at 800 MHz

This result was measured with 32-bit binaries using the 32-bit version of the operating system.

Standard Performance Evaluation Corporation
info@spec.org
http://www.spec.org
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Notes/Tuning Information (Continued)

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