CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

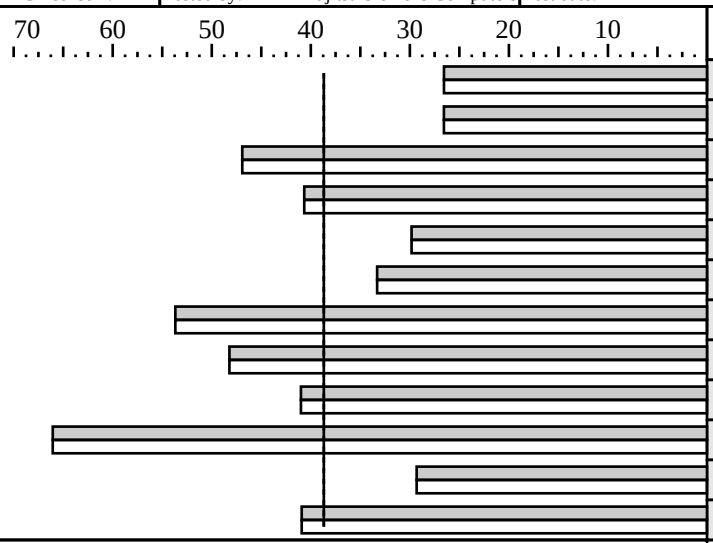
Fujitsu Siemens Computers

PRIMERGY RX100 S4, Intel Pentium D processor 945, 3.40 GHz

SPECint_rate2000 = 38.7

SPECint_rate_base2000 = 38.7

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Sep-2006 | Hardware Avail: Sep-2006 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	122	26.6	2	122	26.6
175.vpr	2	122	26.6	2	122	26.6
176.gcc	2	54.4	46.9	2	54.4	46.9
181.mcf	2	103	40.7	2	103	40.7
186.crafty	2	77.8	29.8	2	77.8	29.8
197.parser	2	125	33.3	2	125	33.3
252.eon	2	56.2	53.7	2	56.2	53.7
253.perlbmk	2	86.6	48.2	2	86.6	48.2
254.gap	2	62.3	41.0	2	62.3	41.0
255.vortex	2	66.7	66.1	2	66.7	66.1
256.bzip2	2	119	29.3	2	119	29.3
300.twolf	2	170	40.9	2	170	40.9

Hardware

CPU:	Intel Pentium D processor 945 (3.40 GHz, 2x2MB L2, 800 MHz system bus)
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1 chip
Parallel:	No
Primary Cache:	12k micro-ops(I) + 16KB(D) on chip, per core
Secondary Cache:	2048KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2GB DDRII-RAM PC2-4200E (CAS 4-4-4)
Disk Subsystem:	Seagate ST3146854SS (SAS, 15.4krpm, 146GB)
Other Hardware:	none

Software

Operating System:	Windows Server 2003 Enterprise Edition + SP1 (32-bit)
Compiler:	Intel C++ Compiler 9.1 Build 20060323Z (for 32-bit applications), Microsoft Visual Studio .Net 2003 7.1.3088 (for libraries), SmartHeap Library Version 8.0 from http://www.microquill.com
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.
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

For information about Fujitsu Siemens Computers in your country please see:
http://www.fujitsu-siemens.com/countries