



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Fujitsu Siemens Computers

PRIMERGY TX300 S3, Intel Xeon processor E5310, 1.60 GHz

SPECint_rate2000 = 132

SPECint_rate_base2000 = 132

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	8	147	88.6	8	147	88.6
175.vpr	8	134	97.2	8	134	97.2
176.gcc	8	67.0	152	8	67.0	152
181.mcf	8	157	106	8	157	106
186.crafty	8	68.6	135	8	68.6	135
197.parser	8	148	113	8	148	113
252.eon	8	62.9	192	8	62.9	192
253.perlbnk	8	96.1	174	8	96.1	174
254.gap	8	95.7	107	8	95.7	107
255.vortex	8	77.0	229	8	77.0	229
256.bzip2	8	140	99.3	8	140	99.3
300.twolf	8	165	169	8	165	169

Hardware

CPU: Intel Xeon processor E5310 (1.60 GHz, 2x4MB L2, 1066 MHz system bus)
CPU MHz: 1600
FPU: Integrated
CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip
CPU(s) orderable: 1,2 chips
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 8MB(I+D) on chip, per chip (4MB shared per 2 cores)
L3 Cache: N/A
Other Cache: N/A
Memory: 8x1GB DDR2-RAM PC2-4200F (CAS 4-4-4)
Disk Subsystem: Seagate ST373454SS (SAS, 15.4krpm, 73GB)
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.perlbnk: -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 1066 MHz

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



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Fujitsu Siemens Computers

PRIMERGY TX300 S3, Intel Xeon processor E5310, 1.60 GHz

SPECint_rate2000 = 132

SPECint_rate_base2000 = 132

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

Notes/Tuning Information (Continued)

BIOS configuration:

Adjacent Sector Prefetch = disable

This result was measured on the PRIMERGY RX300 S3. The PRIMERGY TX300 S3 and the PRIMERGY RX300 S3 are electronically equivalent.

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