



CINT2000 Result

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Fujitsu Siemens Computers

PRIMERGY BX620 S3, Intel Xeon 5050 processor, 3.0 GHz

SPECint_rate2000 = 62.2

SPECint_rate_base2000 = 62.2

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Apr-2006 | Hardware Avail: Jun-2006 | Software Avail: Oct-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	8	219	59.3	8	219	59.3
175.vpr	8	337	38.5	8	337	38.5
176.gcc	8	116	87.7	8	116	87.7
181.mcf	8	662	25.2	8	662	25.2
186.crafy	8	176	52.6	8	176	52.6
197.parser	8	258	64.7	8	258	64.7
252.eon	8	138	87.5	8	138	87.5
253.perlbnk	8	218	76.7	8	218	76.7
254.gap	8	160	64.0	8	160	64.0
255.vortex	8	165	107	8	165	107
256.bzip2	8	276	50.5	8	276	50.5
300.twolf	8	334	83.3	8	334	83.3

Hardware

CPU: Intel Xeon 5050 processor (3.0 GHz, 2x2MB L2, 667 MHz system bus)
 CPU MHz: 3000
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12k micro-ops I + 16KBD on chip, per core
 Secondary Cache: 2048KB(I+D) on chip, per core
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8x1GB DDRII-RAM PC2-4200F (CAS 4-4-4)
 Disk Subsystem: Seagate ST936701SS (SAS, 10krpm, 36GB)
 Other Hardware: none

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1
 Compiler: Intel C++ Compiler 9.0
 Build 20051020Z (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.crafy: -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 667 MHz

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



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Notes/Tuning Information (Continued)

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