



CINT2000 Result

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Fujitsu Siemens Computers
PRIMERGY BX620 S3, Intel Xeon 5060 processor, 3.20 GHz

SPECint_rate2000 = 37.7
SPECint_rate_base2000 = 37.7

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	200	32.5	4	200	32.5
175.vpr	4	264	24.6	4	264	24.6
176.gcc	4	99.8	51.1	4	99.8	51.1
181.mcf	4	303	27.6	4	303	27.6
186.crafy	4	168	27.7	4	168	27.7
197.parser	4	227	36.8	4	227	36.8
252.eon	4	129	46.8	4	129	46.8
253.perlbnk	4	201	41.5	4	201	41.5
254.gap	4	120	42.5	4	120	42.5
255.vortex	4	144	61.1	4	144	61.1
256.bzip2	4	216	32.2	4	216	32.2
300.twolf	4	314	44.3	4	314	44.3

Hardware

CPU: Intel Xeon 5060 processor (3.20 GHz, 2x2MB L2, 1066 MHz system bus)
CPU MHz: 3200
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 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 1066 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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