



CINT2000 Result

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Itautec

Servidor Itautec MX221 (Intel Xeon X5355 processor)

SPECint_rate2000 = 197

SPECint_rate_base2000 = 197

SPEC license #: 9001 | Tested by: Itautec | Test date: Nov-2006 | Hardware Avail: Jan-2007 | Software Avail: Mar-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	89.5	145	8	89.5	145
175.vpr	8	90.9	143	8	90.9	143
176.gcc	8	56.9	179	8	56.9	179
181.mcf	8	121	138	8	121	138
186.crafty	8	40.5	229	8	40.5	229
197.parser	8	99.6	168	8	99.6	168
252.eon	8	37.8	319	8	37.8	319
253.perlbnk	8	61.9	270	8	61.9	270
254.gap	8	71.5	143	8	71.5	143
255.vortex	8	52.5	336	8	52.5	336
256.bzip2	8	91.8	152	8	91.8	152
300.twolf	8	98.3	283	8	98.3	283

Hardware

CPU: Intel Xeon X5355 processor (2.66 GHz, 2x4MB L2, 1333 MHz system bus)
CPU MHz: 2660
FPU: Integrated
CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip
CPU(s) orderable: 1,2
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: 16GB (8x2GB DDR2-RAM PC2-5300 FB-DIMM CL5 ECC)
Disk Subsystem: 1 x 120GB Serial ATA 7200 RPM
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 2005 (for libraries),
MicroQuill SmartHeap for SMP Library v.8.0
File System: NTFS
System State: Default

Notes/Tuning Information

PORTABILITY FLAGS

176.gcc: -Dalloca=_alloca /F10000000
186.crafty: -DNT_i386
252.eon: -DHAS_ERRLIST
253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

GENERAL

+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

Base tuning flags

for C programs: -fast +FDO shlsmpmt.lib
for C++ programs: -fast -Qcxx_features +FDO

EXTRA LIBRARIES

MicroQuill SmartHeap for SMP Library v.8.0
<http://www.microquill.com>

BIOS settings default.

The system bus runs at 1333 MHz

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