



CINT2000 Result

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Itaotec

Servidor Itaotec MX201 (Intel Xeon 5140 processor, 2.33GHz)

SPECint_rate2000 = 50.3

SPECint_rate_base2000 = 50.3

SPEC license #: 9001 | Tested by: Itaotec | Test date: Nov-2006 | Hardware Avail: Jul-2006 | Software Avail: Mar-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	98.6	32.9	2	98.6	32.9
175.vpr	2	88.1	36.9	2	88.1	36.9
176.gcc	2	45.6	55.9	2	45.6	55.9
181.mcf	2	87.1	47.9	2	87.1	47.9
186.crafty	2	46.3	50.1	2	46.3	50.1
197.parser	2	108	38.7	2	108	38.7
252.eon	2	43.3	69.7	2	43.3	69.7
253.perlbnk	2	68.7	60.8	2	68.7	60.8
254.gap	2	49.5	51.6	2	49.5	51.6
255.vortex	2	51.5	85.6	2	51.5	85.6
256.bzip2	2	96.0	36.3	2	96.0	36.3
300.twolf	2	112	61.9	2	112	61.9

Hardware

CPU: Intel Xeon 5140 processor (2.33 GHz, 4MB L2 shared, 1333 MHz system bus)
CPU MHz: 2330
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 32 KB I + 32 KB D on chip per core
Secondary Cache: 4MB (I+D) on chip, per chip, shared
L3 Cache: N/A
Other Cache: N/A
Memory: 14GB (7x2GB 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

BIOS settings default.

EXTRA LIBRARIES

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