



CINT2000 Result

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Itaotec

Servidor Itaotec MX221 (Intel Xeon 5160 processor, 3.00GHz)

SPECint_rate2000 = 62.0

SPECint_rate_base2000 = 62.0

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	2	76.8	42.3	2	76.8	42.3
175.vpr	2	73.6	44.1	2	73.6	44.1
176.gcc	2	40.3	63.4	2	40.3	63.4
181.mcf	2	81.3	51.4	2	81.3	51.4
186.crafty	2	36.4	63.8	2	36.4	63.8
197.parser	2	81.4	51.3	2	81.4	51.3
252.eon	2	33.9	88.9	2	33.9	88.9
253.perlbnk	2	53.7	77.7	2	53.7	77.7
254.gap	2	41.9	60.9	2	41.9	60.9
255.vortex	2	43.1	102	2	43.1	102
256.bzip2	2	73.0	47.7	2	73.0	47.7
300.twolf	2	87.7	79.4	2	87.7	79.4

Hardware

CPU: Intel Xeon 5160 processor (3.00 GHz, 4MB L2 shared, 1333 MHz system bus)
CPU MHz: 3000
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: 8GB (8x1GB DDR2-RAM PC2-5300 FB-DIMM CL5 ECC)
Disk Subsystem: 1 x 36GB U320 SCSI 10000 RPM
Other Hardware: None

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1 (32-bit)
Compiler: Intel C++ Compiler 9.1
Build 20060519Z (for 32-bit applications),
Microsoft Visual Studio .NET 7.0.9466 (for libraries),
Microquill SmartHeap Library v.7.0
File System: NTFS
System State: Default

Notes/Tuning Information

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

GENERAL

+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

Base tuning flags

for C programs: -fast +FDO shlw32m2.lib
for C++ programs: -fast -Qcxx_features +FDO

BIOS settings default.

EXTRA LIBRARIES

MicroQuill SmartHeap Library v.7.0
<http://www.microquill.com/>