



CINT2000 Result

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Itaotec

Servidor Itaotec LX201 (Intel Xeon 5110 processor, 1.60GHz)

SPECint_rate2000 = 68.8

SPECint_rate_base2000 = 68.8

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.gzip	4	144	45.0	4	144	45.0
175.vpr	4	132	49.3	4	132	49.3
176.gcc	4	63.6	80.2	4	63.6	80.2
181.mcf	4	133	62.6	4	133	62.6
186.crafty	4	68.3	67.9	4	68.3	67.9
197.parser	4	147	56.8	4	147	56.8
252.eon	4	63.0	95.7	4	63.0	95.7
253.perlbnk	4	99.4	84.0	4	99.4	84.0
254.gap	4	77.7	65.7	4	77.7	65.7
255.vortex	4	75.8	116	4	75.8	116
256.bzip2	4	137	50.8	4	137	50.8
300.twolf	4	165	84.3	4	165	84.3

Hardware

CPU: Intel Xeon 5110 processor (1.60 GHz, 4MB L2 shared, 1066 MHz system bus)
CPU MHz: 1600
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
CPU(s) orderable: 1,2
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: 6GB (4x1GB+4x512MB DDR2-RAM PC2-5300 FB-DIMM CL5 ECC)
Disk Subsystem: 1 x 200GB 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 20060519Z (for 32-bit applications),
Microsoft Visual Studio .NET 7.0.9466 (for libraries),
MicroQuill SmartHeap for SMP Library 8.0
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 sh1SMPMt.lib
for C++ programs: -fast -Qcxx_features +FDO

EXTRA LIBRARIES

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