



CINT2000 Result

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Itaotec

Servidor Itaotec MX221 (Intel Xeon 5130 processor, 2.00GHz)

SPECint_rate2000 = 44.8

SPECint_rate_base2000 = 44.8

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	2	114	28.4	2	114	28.4
175.vpr	2	99.6	32.6	2	99.6	32.6
176.gcc	2	49.5	51.6	2	49.5	51.6
181.mcf	2	90.4	46.2	2	90.4	46.2
186.crafty	2	55.0	42.2	2	55.0	42.2
197.parser	2	115	36.2	2	115	36.2
252.eon	2	50.8	59.3	2	50.8	59.3
253.perlbnk	2	79.3	52.6	2	79.3	52.6
254.gap	2	54.5	46.9	2	54.5	46.9
255.vortex	2	58.5	75.3	2	58.5	75.3
256.bzip2	2	102	34.1	2	102	34.1
300.twolf	2	133	52.2	2	133	52.2

Hardware

CPU: Intel Xeon 5130 processor (2.00 GHz, 4MB L2 shared, 1333 MHz system bus)
 CPU MHz: 2000
 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 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/>