



CINT2000 Result

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Itautec

Servidor Itautec MX201 (Intel Xeon 5110 processor, 1.86GHz)

SPECint_rate2000 = 70.1

SPECint_rate_base2000 = 70.1

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	144	45.2	4	144	45.2
175.vpr	4	129	50.5	4	129	50.5
176.gcc	4	62.5	81.7	4	62.5	81.7
181.mcf	4	128	65.3	4	128	65.3
186.crafty	4	68.0	68.3	4	68.0	68.3
197.parser	4	144	57.8	4	144	57.8
252.eon	4	63.0	95.8	4	63.0	95.8
253.perlbnk	4	98.6	84.7	4	98.6	84.7
254.gap	4	72.1	70.8	4	72.1	70.8
255.vortex	4	74.3	119	4	74.3	119
256.bzip2	4	137	50.9	4	137	50.9
300.twolf	4	165	84.5	4	165	84.5

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: 4096KB(I+D) on chip, per chip, shared
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)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.8.0
 File System: NTFS
 System State: Default

Notes/Tuning Information

PORTABILITY FLAGS

176.gcc: -Dalloca=_alloca /F10000000
 186.crafy: -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 -QxP +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/>