



CINT2000 Result

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Itautec

Servidor Itautec LX211 (Intel Xeon 5140 processor)

SPECint_rate2000 = 95.4

SPECint_rate_base2000 = 95.4

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.zip	4	99.5	65.3	4	99.5	65.3
175.vpr	4	93.8	69.3	4	93.8	69.3
176.gcc	4	56.0	91.1	4	56.0	91.1
181.mcf	4	103	81.4	4	103	81.4
186.crafy	4	46.4	100	4	46.4	100
197.parser	4	108	77.2	4	108	77.2
252.eon	4	42.8	141	4	42.8	141
253.perlbnk	4	69.3	120	4	69.3	120
254.gap	4	57.1	89.4	4	57.1	89.4
255.vortex	4	53.6	164	4	53.6	164
256.bzip2	4	98.5	70.7	4	98.5	70.7
300.twolf	4	113	124	4	113	124

Hardware

CPU: Intel Xeon 5140 processor (2.33 GHz, 4MB L2 shared, 1333 MHz system bus)
 CPU MHz: 2330
 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: 4x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)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 20060519Z (for 32-bit applications),
 Microsoft Visual Studio 2005 (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.crafy: -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

EXTRA LIBRARIES

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