



CINT2000 Result

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Itautec

Servidor Itautec LX211 (Intel Xeon 5130 processor, 2.00 GHz)

SPECint_rate2000 = 43.9

SPECint_rate_base2000 = 43.9

SPEC license #: 9001 | Tested by: Itautec | 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 | 114 | 28.4 | 2 | 114 | 28.4 |
| 175.vpr | 2 | 100 | 32.3 | 2 | 100 | 32.3 |
| 176.gcc | 2 | 52.2 | 48.9 | 2 | 52.2 | 48.9 |
| 181.mcf | 2 | 97.0 | 43.0 | 2 | 97.0 | 43.0 |
| 186.crafty | 2 | 54.0 | 43.0 | 2 | 54.0 | 43.0 |
| 197.parser | 2 | 123 | 34.0 | 2 | 123 | 34.0 |
| 252.eon | 2 | 50.0 | 60.3 | 2 | 50.0 | 60.3 |
| 253.perlbnk | 2 | 79.9 | 52.3 | 2 | 79.9 | 52.3 |
| 254.gap | 2 | 56.1 | 45.5 | 2 | 56.1 | 45.5 |
| 255.vortex | 2 | 58.0 | 76.1 | 2 | 58.0 | 76.1 |
| 256.bzip2 | 2 | 109 | 31.8 | 2 | 109 | 31.8 |
| 300.twolf | 2 | 131 | 53.0 | 2 | 131 | 53.0 |

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: 12GB (6x2GB DDR2-RAM PC2-5300 FB-DIMM CL5 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.crafty: -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 sh1SMPMt.lib
for C++ programs: -fast -Qcxx_features +FDO

EXTRA LIBRARIES

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