



CINT2000 Result

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Itautec

Servidor Itautec LX201 (Intel Xeon 5160 processor)

SPECint_rate2000 = 60.2

SPECint_rate_base2000 = 60.2

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 | 2 | 77.6 | 41.9 | 2 | 77.6 | 41.9 |
| 175.vpr | 2 | 77.2 | 42.1 | 2 | 77.2 | 42.1 |
| 176.gcc | 2 | 42.0 | 60.7 | 2 | 42.0 | 60.7 |
| 181.mcf | 2 | 84.8 | 49.2 | 2 | 84.8 | 49.2 |
| 186.crafty | 2 | 36.4 | 63.7 | 2 | 36.4 | 63.7 |
| 197.parser | 2 | 83.6 | 49.9 | 2 | 83.6 | 49.9 |
| 252.eon | 2 | 33.6 | 89.8 | 2 | 33.6 | 89.8 |
| 253.perlbnk | 2 | 54.6 | 76.5 | 2 | 54.6 | 76.5 |
| 254.gap | 2 | 43.5 | 58.7 | 2 | 43.5 | 58.7 |
| 255.vortex | 2 | 45.0 | 98.0 | 2 | 45.0 | 98.0 |
| 256.bzip2 | 2 | 80.4 | 43.3 | 2 | 80.4 | 43.3 |
| 300.twolf | 2 | 88.8 | 78.3 | 2 | 88.8 | 78.3 |

Hardware

CPU: Intel Xeon 5160 processor (3.00 GHz, 4MB L2 shared, 1333 MHz system bus)
CPU MHz: 3000
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: 4096KB(I+D) on chip, per chip, shared
L3 Cache: N/A
Other Cache: N/A
Memory: 4x2GB DDR2-RAM PC2-5300F (CAS 5-5-5)ECC
Disk Subsystem: 1 x Serial ATA 7200 RPM
Other Hardware: None

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1 (64-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.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 +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/>