



# CINT2000 Result

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## Itautec

Servidor Itautec LX211 (Intel Xeon 5060 processor, 3.20GHz)

SPECint\_rate2000 = 71.6

SPECint\_rate\_base2000 = 71.6

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	8	201	64.5	8	201	64.5
175.vpr	8	284	45.7	8	284	45.7
176.gcc	8	104	98.5	8	104	98.5
181.mcf	8	437	38.2	8	437	38.2
186.crafty	8	169	54.9	8	169	54.9
197.parser	8	232	71.9	8	232	71.9
252.eon	8	111	108	8	111	108
253.perlbnk	8	209	80.0	8	209	80.0
254.gap	8	138	73.9	8	138	73.9
255.vortex	8	147	120	8	147	120
256.bzip2	8	237	58.7	8	237	58.7
300.twolf	8	303	91.9	8	303	91.9

### Hardware

CPU: Intel Xeon 5060 processor (3.20GHz, 2x2MB L2, 1066MHz system bus)  
CPU MHz: 3200  
FPU: Integrated  
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)  
CPU(s) orderable: 1,2  
Parallel: No  
Primary Cache: 12k micro-ops I + 16KBD on chip, per core  
Secondary Cache: 2048KB(I+D) on chip, per core  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8x1GB DDRII-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 .NET 2003  
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 -DPERLDDL /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/>

The system bus runs at 1066 MHz

This result was measured with 32-bit binaries using the 32-bit version of the operating system.