



# CINT2000 Result

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## Itautec

Servidor Itautec LX211 (Intel Xeon 5060 processor)

SPECint\_rate2000 = 37.5

SPECint\_rate\_base2000 = 37.5

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.gzip	4	200	32.5	4	200	32.5
175.vpr	4	268	24.2	4	268	24.2
176.gcc	4	106	48.3	4	106	48.3
181.mcf	4	323	25.8	4	323	25.8
186.crafty	4	165	28.1	4	165	28.1
197.parser	4	248	33.7	4	248	33.7
252.eon	4	112	53.8	4	112	53.8
253.perlbnk	4	212	39.3	4	212	39.3
254.gap	4	118	43.2	4	118	43.2
255.vortex	4	144	61.2	4	144	61.2
256.bzip2	4	211	33.0	4	211	33.0
300.twolf	4	304	45.7	4	304	45.7

### Hardware

CPU: Intel Xeon 5060 processor (3.20 GHz, 2x2MB L2, 1066 MHz system bus)  
CPU MHz: 3200  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology enabled)  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 32 KB I + 32 KB D on chip per core  
Secondary Cache: 2MB (I+D) on chip, per core  
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 -QxP +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/>