



# CINT2000 Result

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## Itautec

Servidor Itautec MX201 (Intel Xeon X5355 processor)

SPECint\_rate2000 = 197

SPECint\_rate\_base2000 = 197

SPEC license #: 9001 | Tested by: Itautec | Test date: Nov-2006 | Hardware Avail: Jan-2007 | Software Avail: Mar-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	8	89.7	145	8	89.7	145
175.vpr	8	90.9	143	8	90.9	143
176.gcc	8	56.5	181	8	56.5	181
181.mcf	8	121	138	8	121	138
186.crafty	8	40.5	229	8	40.5	229
197.parser	8	101	166	8	101	166
252.eon	8	37.8	319	8	37.8	319
253.perlbnk	8	62.0	269	8	62.0	269
254.gap	8	71.3	143	8	71.3	143
255.vortex	8	52.3	337	8	52.3	337
256.bzip2	8	91.7	152	8	91.7	152
300.twolf	8	98.3	283	8	98.3	283

### Hardware

CPU: Intel Xeon X5355 processor (2.66 GHz, 2x4MB L2, 1333 MHz system bus)  
CPU MHz: 2660  
FPU: Integrated  
CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip  
CPU(s) orderable: 1,2  
Parallel: No  
Primary Cache: 32KB(I) + 32KB(D) on chip, per core  
Secondary Cache: 8MB (I+D) on chip, per chip (4MB shared per 2 cores)  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 16GB (8x2GB 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 20060323Z (for 32-bit applications),  
Microsoft Visual Studio 2005 (for libraries),  
MicroQuill SmartHeap for SMP Library v.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 shlsmpmt.lib  
for C++ programs: -fast -Qcxx\_features +FDO

### EXTRA LIBRARIES

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

BIOS settings default.

The system bus runs at 1333 MHz

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