



# CINT2000 Result

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## Itaotec

Servidor Itaotec MX201 (Intel Xeon 5150 processor, 2.66GHz)

SPECint\_rate2000 = 57.2

SPECint\_rate\_base2000 = 57.2

SPEC license #: 9001 | Tested by: Itaotec | Test date: Nov-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	86.0	37.8	2	86.0	37.8
175.vpr	2	79.5	40.8	2	79.5	40.8
176.gcc	2	41.3	61.8	2	41.3	61.8
181.mcf	2	80.5	51.8	2	80.5	51.8
186.crafty	2	41.3	56.2	2	41.3	56.2
197.parser	2	89.5	46.7	2	89.5	46.7
252.eon	2	38.1	79.1	2	38.1	79.1
253.perlbnk	2	59.4	70.4	2	59.4	70.4
254.gap	2	43.3	58.9	2	43.3	58.9
255.vortex	2	46.8	94.1	2	46.8	94.1
256.bzip2	2	79.8	43.6	2	79.8	43.6
300.twolf	2	99.8	69.7	2	99.8	69.7

### Hardware

CPU: Intel Xeon 5150 processor (2.66 GHz, 4MB L2 shared, 1333 MHz system bus)  
CPU MHz: 2667  
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: 8GB (8x1GB DDR2-RAM PC2-5300 FB-DIMM CL5 ECC)  
Disk Subsystem: 1 x 36GB U320 SCSI 10000 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 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.crafty: -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 -QxP +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/>