



# CINT2000 Result

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## Itautec

Servidor Itautec MX221 (Intel Xeon 5030 processor, 2.66GHz)

SPECint\_rate2000 = 33.0

SPECint\_rate\_base2000 = 33.0

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	4	240	27.1	4	240	27.1
175.vpr	4	300	21.7	4	300	21.7
176.gcc	4	117	43.7	4	117	43.7
181.mcf	4	309	27.0	4	309	27.0
186.crafty	4	197	23.5	4	197	23.5
197.parser	4	265	31.5	4	265	31.5
252.eon	4	134	45.0	4	134	45.0
253.perlbnk	4	253	33.0	4	253	33.0
254.gap	4	137	37.2	4	137	37.2
255.vortex	4	165	53.5	4	165	53.5
256.bzip2	4	245	28.4	4	245	28.4
300.twolf	4	359	38.8	4	359	38.8

### Hardware

CPU: Intel Xeon 5030 processor (2.66 GHz, 2x2MB L2, 1066 MHz system bus)  
CPU MHz: 2660  
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: 8GB (8x1GB DDR2-RAM PC2-4200 FB-DIMM CL4 ECC)  
Disk Subsystem: 1 x 73GB SCSI U320 10000 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 .NET 7.0.9466 (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
253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
```

### GENERAL

### 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 v.8.0  
<http://www.microquill.com>

BIOS settings default.

The system bus runs at 1066 MHz

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