



# CFP2000 Result

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## Itautec

Servidor Itautec MX201 (Intel Xeon 5130 processor, 2.00GHz)

SPECfp\_rate2000 = 68.3

SPECfp\_rate\_base2000 = 68.3

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
168.wupwise	4	74.2	100	4	74.2	100
171.swim	4	270	53.2	4	270	53.2
172.mgrid	4	175	47.8	4	175	47.8
173.applu	4	194	50.3	4	194	50.3
177.mesa	4	77.5	83.9	4	77.5	83.9
178.galgel	4	77.4	174	4	77.4	174
179.art	4	68.9	175	4	68.9	175
183.quake	4	91.0	66.3	4	91.0	66.3
187.facerec	4	111	79.8	4	111	79.8
188.amp	4	194	52.7	4	194	52.7
189.lucas	4	184	50.5	4	184	50.5
191.fma3d	4	179	54.5	4	179	54.5
200.sixtrack	4	140	36.5	4	140	36.5
301.apsi	4	232	52.1	4	232	52.1

### Hardware

CPU: Intel Xeon 5130 processor (2.00GHz, 4MB L2 shared, 1333MHz system bus)  
CPU MHz: 2000  
FPU: Integrated  
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip  
CPU(s) orderable: 1,2  
Parallel: No  
Primary Cache: 32 KB I + 32 KB D on chip per core  
Secondary Cache: 4096KB(I+D) on chip, per chip, shared  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8x1GB 533MHz ECC CL4 FB-DIMM DDR2 SDRAM  
Disk Subsystem: 1 x 73GB 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),  
Intel Fortran 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

178.galgel: -FI /F32000000

### GENERAL

+FDO: PASS1=-Qprof\_gen PASS2=-Qprof\_use

### Base tuning flags

for Fortran programs: -fast -Qansi\_alias +FDO

for C programs: -fast +FDO shlSMPMt.lib

### EXTRA LIBRARIES

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