



# CFP2000 Result

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## Itautec

Servidor Itautec LX201 (Intel Xeon 5110 processor, 1.60GHz)

SPECfp\_rate2000 = 52.9

SPECfp\_rate\_base2000 = 52.9

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
168.wupwise	4	93.8	79.1	4	93.8	79.1
171.swim	4	369	38.9	4	369	38.9
172.mgrid	4	229	36.5	4	229	36.5
173.applu	4	287	34.0	4	287	34.0
177.mesa	4	95.9	67.7	4	95.9	67.7
178.galgel	4	100	134	4	100	134
179.art	4	87.3	138	4	87.3	138
183.equake	4	115	52.6	4	115	52.6
187.facerec	4	142	62.1	4	142	62.1
188.amp	4	247	41.4	4	247	41.4
189.lucas	4	245	37.9	4	245	37.9
191.fma3d	4	228	42.8	4	228	42.8
200.sixtrack	4	176	29.1	4	176	29.1
301.apsi	4	272	44.4	4	272	44.4

### Hardware

CPU: Intel Xeon 5110 processor (1.60 GHz, 4MB L2 shared, 1066 MHz system bus)  
CPU MHz: 1600  
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: 4MB (I+D) on chip, per chip, shared  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 6GB (4x1GB+4x512MB DDR2-RAM PC2-5300 FB-DIMM CL5 ECC)  
Disk Subsystem: 1 x 200GB 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),  
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/>