



# CFP2000 Result

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## Itautec

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

SPECfp\_rate2000 = 24.3

SPECfp\_rate\_base2000 = 24.3

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	163	45.6	4	163	45.6
171.swim	4	686	21.0	4	686	21.0
172.mgrid	4	441	19.0	4	441	19.0
173.applu	4	469	20.8	4	469	20.8
177.mesa	4	256	25.4	4	256	25.4
178.galgel	4	351	38.4	4	351	38.4
179.art	4	398	30.3	4	398	30.3
183.quake	4	224	26.9	4	224	26.9
187.facerec	4	300	29.4	4	300	29.4
188.amp	4	564	18.1	4	564	18.1
189.lucas	4	451	20.6	4	451	20.6
191.fma3d	4	457	21.3	4	457	21.3
200.sixtrack	4	338	15.1	4	338	15.1
301.apsi	4	501	24.1	4	501	24.1

### Hardware

CPU: Intel Xeon 5030 processor (2.66GHz, 2x2MB L2, 667MHz system bus)  
CPU MHz: 2667  
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 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 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/>