



# CFP2000 Result

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## Itaotec

Servidor Itaotec MX221 (Intel Xeon 5160 processor, 3.00GHz)

SPECfp\_rate2000 = 45.3

SPECfp\_rate\_base2000 = 45.3

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	55.1	67.3	2	55.1	67.3
171.swim	2	222	32.4	2	222	32.4
172.mgrid	2	152	27.4	2	152	27.4
173.applu	2	167	29.2	2	167	29.2
177.mesa	2	50.6	64.2	2	50.6	64.2
178.galgel	2	55.2	122	2	55.2	122
179.art	2	51.2	118	2	51.2	118
183.quake	2	71.6	42.1	2	71.6	42.1
187.facerec	2	79.3	55.6	2	79.3	55.6
188.amp	2	138	36.9	2	138	36.9
189.lucas	2	130	35.7	2	130	35.7
191.fma3d	2	139	35.1	2	139	35.1
200.sixtrack	2	94.2	27.1	2	94.2	27.1
301.apsi	2	184	32.8	2	184	32.8

### Hardware

CPU: Intel Xeon 5160 processor (3.00 GHz, 4MB L2 shared, 1333 MHz system bus)  
CPU MHz: 3000  
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),  
Intel Fortran Compiler 9.1  
Build 20060519Z (for 32-bit applications),  
Microsoft Visual Studio .NET 7.0.9466 (for libraries),  
Microquill SmartHeap Library v.7.0  
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 shlw32m2.lib

### EXTRA LIBRARIES

MicroQuill SmartHeap Library v.7.0

<http://www.microquill.com/>