



# CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## Itaotec

Servidor Itaotec MX221 (Intel Xeon 5140 processor, 2.33GHz)

SPECfp\_rate2000 = 67.7

SPECfp\_rate\_base2000 = 67.7

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

250      200      150      100      50					Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
					168.wupwise	4	75.6	98.3	4	75.6	98.3
					171.swim	4	321	44.8	4	321	44.8
					172.mgrid	4	204	40.9	4	204	40.9
					173.applu	4	242	40.3	4	242	40.3
					177.mesa	4	65.0	99.9	4	65.0	99.9
					178.galgel	4	71.0	189	4	71.0	189
					179.art	4	66.5	181	4	66.5	181
					183.equake	4	93.5	64.5	4	93.5	64.5
					187.facerec	4	108	81.4	4	108	81.4
					188.amp	4	168	60.8	4	168	60.8
					189.lucas	4	212	43.8	4	212	43.8
					191.fma3d	4	181	53.8	4	181	53.8
					200.sixtrack	4	120	42.5	4	120	42.5
					301.apsi	4	228	53.0	4	228	53.0

### Hardware

CPU: Intel Xeon 5140 processor (2.33 GHz, 4MB L2 shared, 1333 MHz system bus)  
CPU MHz: 2330  
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: 14GB (7x2GB DDR2-RAM PC2-5300 FB-DIMM CL5 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 20060323Z (for 32-bit applications),  
Intel Fortran Compiler 9.1  
Build 20060323Z (for 32-bit applications),  
Microsoft Visual Studio 2005 (for libraries),  
MicroQuill SmartHeap for SMP Library v.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 v.8.0

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

BIOS settings default.

The system bus runs at 1333 MHz

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

Standard Performance Evaluation Corporation

[info@spec.org](mailto:info@spec.org)

<http://www.spec.org>