



# CFP2000 Result

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## Itaotec

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

SPECfp\_rate2000 = 31.5

SPECfp\_rate\_base2000 = 31.5

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	118	63.2	4	118	63.2
171.swim	4	465	30.9	4	465	30.9
172.mgrid	4	308	27.1	4	308	27.1
173.applu	4	377	25.9	4	377	25.9
177.mesa	4	234	27.7	4	234	27.7
178.galgel	4	273	49.3	4	273	49.3
179.art	4	264	45.7	4	264	45.7
183.quake	4	139	43.4	4	139	43.4
187.facerec	4	232	38.1	4	232	38.1
188.amp	4	482	21.2	4	482	21.2
189.lucas	4	303	30.7	4	303	30.7
191.fma3d	4	387	25.2	4	387	25.2
200.sixtrack	4	336	15.2	4	336	15.2
301.apsi	4	443	27.2	4	443	27.2

### Hardware

CPU: Intel Xeon 5030 processor (2.66 GHz, 2x2MB L2, 1066 MHz system bus)  
CPU MHz: 2660  
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 73GB SCSI U320 10000 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 .NET 7.0.9466 (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 1066 MHz

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