



# CFP2000 Result

Copyright ©1999-2007, Standard Performance Evaluation Corporation

## Itaotec

Servidor Itaotec MX201 (Intel Xeon processor E5335, 2.00 GHz)

SPECfp\_rate2000 = 93.6

SPECfp\_rate\_base2000 = 93.6

SPEC license #: 9001 | Tested by: Itaotec | Test date: Feb-2007 | Hardware Avail: Feb-2007 | Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	133	112	8	133	112
171.swim	8	537	53.6	8	537	53.6
172.mgrid	8	333	50.1	8	333	50.1
173.applu	8	359	54.3	8	359	54.3
177.mesa	8	78.1	166	8	78.1	166
178.galgel	8	94.5	285	8	94.5	285
179.art	8	102	236	8	102	236
183.equake	8	163	74.0	8	163	74.0
187.facerec	8	146	121	8	146	121
188.amp	8	216	94.6	8	216	94.6
189.lucas	8	318	58.4	8	318	58.4
191.fma3d	8	297	65.5	8	297	65.5
200.sixtrack	8	142	71.9	8	142	71.9
301.apsi	8	258	93.6	8	258	93.6

### Hardware

CPU: Intel Xeon processor E5335 (2.00 GHz, 2x4MB L2, 1333 MHz system bus)  
 CPU MHz: 2000  
 FPU: Integrated  
 CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip  
 CPU(s) orderable: 1,2  
 Parallel: No  
 Primary Cache: 32KB(I) + 32KB(D) on chip, per core  
 Secondary Cache: 8 MB I+D on chip per chip (4 MB shared per 2 cores)  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 8x2GB DDR2-RAM PC2-5300F (CAS 5-5-5)  
 Disk Subsystem: 1 x 73GB SCSI 10000RPM  
 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 2003 7.1.3088 (for libraries)  
 Microquill SmartHeap Library v.8.0 for SMP  
 File System: NTFS  
 System State: Default

## Notes/Tuning Information

### GENERAL

Basepeak=yes is used for all programs  
 +FDO: PASS1=-Qprof\_gen PASS2=-Qprof\_use

### PORTABILITY FLAGS

178.galgel: -FI /F32000000

### Base tuning flags

for Fortran programs: -fast -Qansi\_alias +FDO  
 for C programs: -fast +FDO shlSMPMt.lib

### EXTRA LIBRARIES

MicroQuill SmartHeap Library v.8.0 for SMP  
<http://www.microquill.com>

This result was measured on the Servidor Itaotec MX221.  
 The Servidor Itaotec MX201 and the Servidor Itaotec MX221  
 are electronically equivalent.