



# CFP2000 Result

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## Itaotec

Servidor Itaotec LX201 (Intel Xeon processor X5355, 2.66 GHz)

SPECfp\_rate2000 = 94.4

SPECfp\_rate\_base2000 = 94.4

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	138	107	8	138	107
171.swim	8	589	48.8	8	589	48.8
172.mgrid	8	356	47.0	8	356	47.0
173.applu	8	435	44.8	8	435	44.8
177.mesa	8	60.6	214	8	60.6	214
178.galgel	8	88.5	304	8	88.5	304
179.art	8	103	235	8	103	235
183.equake	8	171	70.4	8	171	70.4
187.facerec	8	159	111	8	159	111
188.amp	8	190	108	8	190	108
189.lucas	8	369	50.3	8	369	50.3
191.fma3d	8	315	61.9	8	315	61.9
200.sixtrack	8	109	93.3	8	109	93.3
301.apsi	8	222	109	8	222	109

### Hardware

CPU: Intel Xeon processor X5355 (2.66 GHz, 2x4MB L2, 1333 MHz system bus)  
 CPU MHz: 2660  
 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: 8x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)  
 Disk Subsystem: 1 x 120GB SATA 7200RPM  
 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>