



# CFP2000 Result

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## Itautec

Servidor Itautec LX211 (Intel Xeon 5120 processor, 1.86GHz)

SPECfp\_rate2000 = 32.4

SPECfp\_rate\_base2000 = 32.4

SPEC license #: 9001 | Tested by: Itautec | 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	75.1	49.4	2	75.1	49.4
171.swim	2	267	27.0	2	267	27.0
172.mgrid	2	180	23.2	2	180	23.2
173.applu	2	200	24.3	2	200	24.3
177.mesa	2	88.2	36.8	2	88.2	36.8
178.galgel	2	83.0	81.1	2	83.0	81.1
179.art	2	73.5	82.0	2	73.5	82.0
183.quake	2	86.9	34.7	2	86.9	34.7
187.facerec	2	120	36.8	2	120	36.8
188.amp	2	212	24.0	2	212	24.0
189.lucas	2	193	24.1	2	193	24.1
191.fma3d	2	205	23.7	2	205	23.7
200.sixtrack	2	150	17.0	2	150	17.0
301.apsi	2	234	25.8	2	234	25.8

### Hardware

CPU: Intel Xeon 5120 processor (1.86 GHz, 4MB L2 shared, 1066 MHz system bus)  
 CPU MHz: 1860  
 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: 4096KB(I+D) on chip, per chip, shared  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 6x2GB DDR2-RAM PC2-5300F (CAS 5-5-5)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 20060519Z (for 32-bit applications),  
 Intel Fortran Compiler 9.1  
 Build 20060519Z (for 32-bit applications),  
 Microsoft Visual Studio 2005 (for libraries),  
 MicroQuill SmartHeap for SMP Library 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 8.0 available from  
<http://www.microquill.com/>