



# CFP2000 Result

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## Itautec

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

SPECfp\_rate2000 = 56.8

SPECfp\_rate\_base2000 = 56.8

SPEC license #: 9001 | Tested by: Itautec | Test date: Aug-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	91.5	81.1	4	91.5	81.1
171.swim	4	361	39.8	4	361	39.8
172.mgrid	4	224	37.3	4	224	37.3
173.applu	4	280	34.8	4	280	34.8
177.mesa	4	86.1	75.4	4	86.1	75.4
178.galgel	4	89.7	150	4	89.7	150
179.art	4	81.6	148	4	81.6	148
183.quake	4	113	53.4	4	113	53.4
187.facerec	4	130	67.6	4	130	67.6
188.amp	4	216	47.3	4	216	47.3
189.lucas	4	238	39.0	4	238	39.0
191.fma3d	4	219	44.6	4	219	44.6
200.sixtrack	4	150	33.9	4	150	33.9
301.apsi	4	237	50.9	4	237	50.9

### Hardware

CPU: Intel Xeon 5120 processor (1.86 GHz, 4MB L2 shared, 1066 MHz system bus)  
CPU MHz: 1860  
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: 4096KB(I+D) on chip, per chip, shared  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 4x2GB + 2x2GB DDRII-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/>