



# CFP2000 Result

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## Itautec

Servidor Itautec LX211, Intel Xeon 5150 processor

SPECfp\_rate2000 = 72.4

SPECfp\_rate\_base2000 = 72.4

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	4	73.0	102	4	73.0	102
171.swim	4	306	47.0	4	306	47.0
172.mgrid	4	203	41.2	4	203	41.2
173.applu	4	223	43.7	4	223	43.7
177.mesa	4	62.1	105	4	62.1	105
178.galgel	4	63.8	211	4	63.8	211
179.art	4	61.7	195	4	61.7	195
183.equake	4	88.4	68.2	4	88.4	68.2
187.facerec	4	99.3	88.8	4	99.3	88.8
188.amp	4	156	65.3	4	156	65.3
189.lucas	4	195	47.5	4	195	47.5
191.fma3d	4	183	53.2	4	183	53.2
200.sixtrack	4	106	48.0	4	106	48.0
301.apsi	4	198	61.1	4	198	61.1

### Hardware

CPU: Intel Xeon 5150 processor (2.66 GHz, 1333 MHz system bus, 4MB L2 Cache shared)  
 CPU MHz: 2667  
 FPU: Integrated  
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip  
 CPU(s) orderable: 1,2  
 Parallel: No  
 Primary Cache: 32KBI + 32KBD on chip, per core  
 Secondary Cache: 4096KB(I+D) on chip, per chip, shared  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 4x2GB + 2x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)ECC  
 Disk Subsystem: 1 x 120GB Serial ATA 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 2005 (for libraries)  
 Microquill SmartHeap Library v.8.0  
 File System: NTFS  
 System State: Default

## Notes/Tuning Information

PORTABILITY FLAGS  
 178.galgel: -FI /F32000000  
 PORTABILITY FLA GS  
 GENERAL  
 +FDO: PASS1=-Qprof\_gen PASS2=-Qprof\_use

Base tuning flags  
 for Fortran programs: -fast -Qansi\_alias +FDO shlW32M.lib  
 for C programs: -fast +FDO shlW32M.lib

EXTRA LIBRARIES  
 : MicroQuill SmartHeap Library v.8.0  
 www.microquill.com

BIOS settings: Hardware prefetch enabled, Adjacent Prefetch enabled  
 The system bus runs at 1333 MHz



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## Notes/Tuning Information (Continued)

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