



# CFP2000 Result

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## Itautec

Servidor Itautec LR100, AMD Opteron (TM) 1218 processor

SPECfp\_rate2000 = 23.2

SPECfp\_rate\_base2000 = 23.2

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	116	31.9	2	116	31.9
171.swim	2	405	17.8	2	405	17.8
172.mgrid	2	214	19.5	2	214	19.5
173.applu	2	286	17.0	2	286	17.0
177.mesa	2	92.7	35.1	2	92.7	35.1
178.galgel	2	177	38.1	2	177	38.1
179.art	2	337	17.9	2	337	17.9
183.equake	2	150	20.1	2	150	20.1
187.facerec	2	149	29.5	2	149	29.5
188.amp	2	220	23.3	2	220	23.3
189.lucas	2	234	19.8	2	234	19.8
191.fma3d	2	205	23.7	2	205	23.7
200.sixtrack	2	156	16.4	2	156	16.4
301.apsi	2	226	26.7	2	226	26.7

### Hardware

CPU: AMD Opteron (TM) 1218 processor  
 CPU MHz: 2600  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
 CPU(s) orderable: 1  
 Parallel: No  
 Primary Cache: 64 KB I + 64 KB D on chip per core  
 Secondary Cache: 1 MB (I+D) on chip, per core  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 4x512MB DDR2-RAM PC2-4200 (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 .NET 7.0.9466 (for libraries)  
 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: +FDO

for C programs: -fast -arch:SSE2 -Oi- +FDO

BIOS settings default.

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