



# CFP2000 Result

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## Itautec

Servidor Itautec LX211 (Intel Xeon processor E5320, 1.86 GHz)

SPECfp\_rate2000 = 73.0

SPECfp\_rate\_base2000 = 73.0

SPEC license #: 9001 | Tested by: Itautec | 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	170	87.4	8	170	87.4
171.swim	8	741	38.8	8	741	38.8
172.mgrid	8	446	37.5	8	446	37.5
173.applu	8	562	34.7	8	562	34.7
177.mesa	8	84.9	153	8	84.9	153
178.galgel	8	117	230	8	117	230
179.art	8	125	193	8	125	193
183.equake	8	216	55.8	8	216	55.8
187.facerec	8	203	86.8	8	203	86.8
188.amp	8	230	88.7	8	230	88.7
189.lucas	8	468	39.7	8	468	39.7
191.fma3d	8	398	49.0	8	398	49.0
200.sixtrack	8	154	66.4	8	154	66.4
301.apsi	8	328	73.6	8	328	73.6

### Hardware

CPU: Intel Xeon processor E5320 (1.86 GHz, 2x4MB L2, 1066 MHz system bus)  
 CPU MHz: 1860  
 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: 6x1GB 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>