# CFP2000 Result

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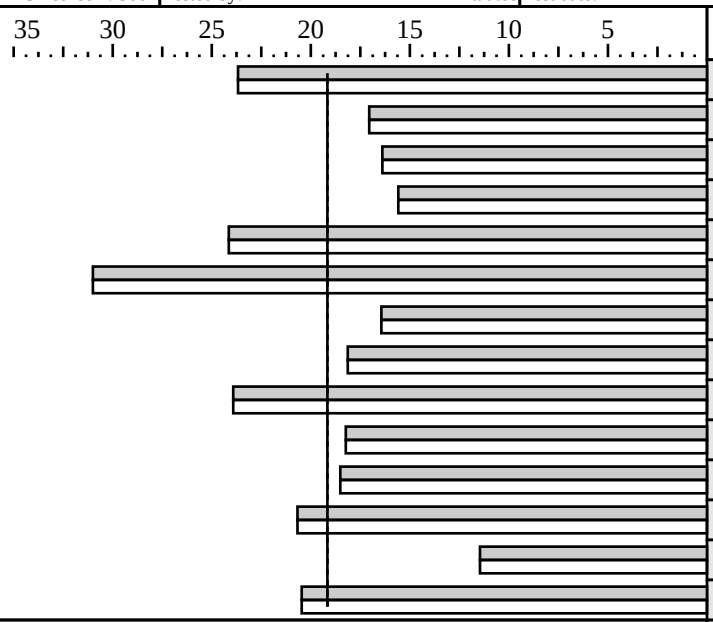
## Itautec

Servidor Itautec LR100, AMD Opteron (TM) 1210 processor

SPECfp_rate2000 = 19.2

SPECfp_rate_base2000 = 19.2

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 | 157 | 23.7 | 2 | 157 | 23.7 |
| 171.swim | 2 | 422 | 17.1 | 2 | 422 | 17.1 |
| 172.mgrid | 2 | 255 | 16.4 | 2 | 255 | 16.4 |
| 173.applu | 2 | 313 | 15.6 | 2 | 313 | 15.6 |
| 177.mesa | 2 | 135 | 24.1 | 2 | 135 | 24.1 |
| 178.galgel | 2 | 217 | 31.0 | 2 | 217 | 31.0 |
| 179.art | 2 | 367 | 16.4 | 2 | 367 | 16.4 |
| 183.equake | 2 | 166 | 18.1 | 2 | 166 | 18.1 |
| 187.facerec | 2 | 184 | 23.9 | 2 | 184 | 23.9 |
| 188.ammp | 2 | 280 | 18.2 | 2 | 280 | 18.2 |
| 189.lucas | 2 | 251 | 18.5 | 2 | 251 | 18.5 |
| 191.fma3d | 2 | 236 | 20.7 | 2 | 236 | 20.7 |
| 200.sixtrack | 2 | 223 | 11.5 | 2 | 223 | 11.5 |
| 301.apsi | 2 | 295 | 20.5 | 2 | 295 | 20.5 |

### Hardware

| | |
|---|---|
| CPU: | AMD Opteron (TM) 1210 processor |
| CPU MHz: | 1800 |
| 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.
```