# CFP2000 Result

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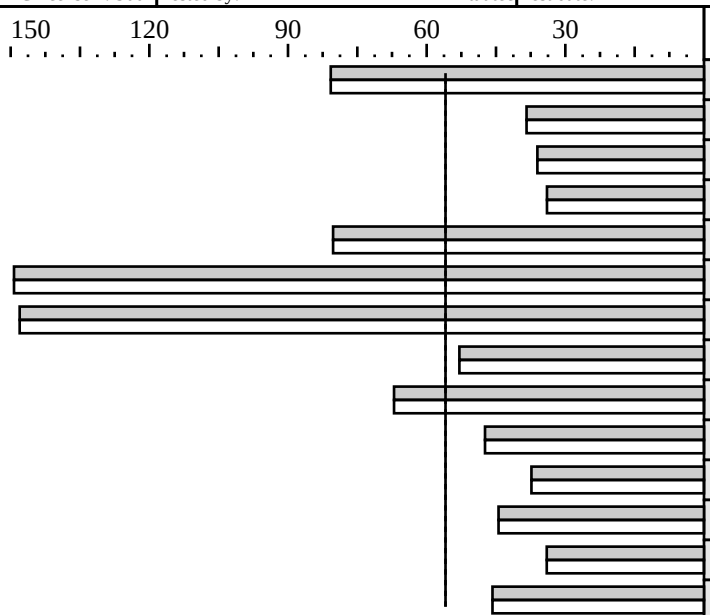
## Itautec

Servidor Itautec MX201 (Intel Xeon 5120 processor, 1.86GHz)

SPECfp_rate2000 = 55.9

SPECfp_rate_base2000 = 55.9

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




| Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|---|---|---|---|---|---|---|
| 168.wupwise | 4 | 91.9 | 80.8 | 4 | 91.9 | 80.8 |
| 171.swim | 4 | 375 | 38.4 | 4 | 375 | 38.4 |
| 172.mgrid | 4 | 232 | 36.0 | 4 | 232 | 36.0 |
| 173.applu | 4 | 287 | 34.0 | 4 | 287 | 34.0 |
| 177.mesa | 4 | 81.0 | 80.2 | 4 | 81.0 | 80.2 |
| 178.galgel | 4 | 90.1 | 149 | 4 | 90.1 | 149 |
| 179.art | 4 | 81.5 | 148 | 4 | 81.5 | 148 |
| 183.equake | 4 | 114 | 52.9 | 4 | 114 | 52.9 |
| 187.facerec | 4 | 131 | 67.1 | 4 | 131 | 67.1 |
| 188.ammp | 4 | 215 | 47.4 | 4 | 215 | 47.4 |
| 189.lucas | 4 | 249 | 37.3 | 4 | 249 | 37.3 |
| 191.fma3d | 4 | 219 | 44.4 | 4 | 219 | 44.4 |
| 200.sixtrack | 4 | 150 | 34.0 | 4 | 150 | 34.0 |
| 301.apsi | 4 | 264 | 45.8 | 4 | 264 | 45.8 |

### 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: | 4MB (I+D) on chip, per chip, shared |
| L3 Cache: | N/A |
| Other Cache: | N/A |
| Memory: | 14GB (7x2GB DDR2-RAM PC2-5300 FB-DIMM CL5 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<br>Build 20060323Z (for 32-bit applications),<br>Intel Fortran Compiler 9.1<br>Build 20060323Z (for 32-bit applications),<br>Microsoft Visual Studio 2005(for libraries),<br>Microquill SmartHeap Library for SMP v.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 Library for SMP v.8.0
  http://www.microquill.com/

  BIOS settings default.
  The system bus runs at 1066 MHz
  This result was measured with 32-bit binaries using the 32-bit version of the operating system.
```