# CFP2000 Result

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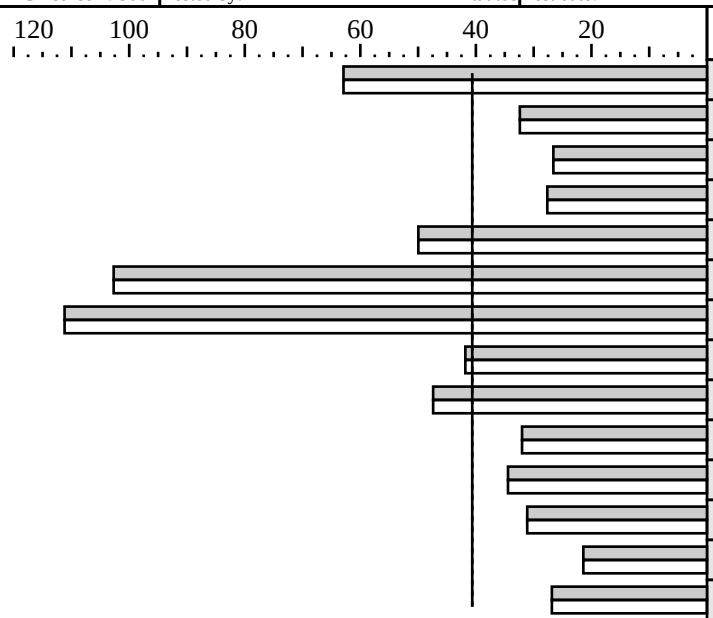
## Itautec

Servidor Itautec MX221 (Intel Xeon 5140 processor, 2.33GHz)

SPECfp_rate2000 = 40.6

SPECfp_rate_base2000 = 40.6

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 | 2 | 59.0 | 62.9 | 2 | 59.0 | 62.9 |
| 171.swim | 2 | 222 | 32.4 | 2 | 222 | 32.4 |
| 172.mgrid | 2 | 157 | 26.6 | 2 | 157 | 26.6 |
| 173.applu | 2 | 176 | 27.6 | 2 | 176 | 27.6 |
| 177.mesa | 2 | 65.0 | 50.0 | 2 | 65.0 | 50.0 |
| 178.galgel | 2 | 65.5 | 103 | 2 | 65.5 | 103 |
| 179.art | 2 | 54.3 | 111 | 2 | 54.3 | 111 |
| 183.equake | 2 | 72.1 | 41.8 | 2 | 72.1 | 41.8 |
| 187.facerec | 2 | 93.0 | 47.4 | 2 | 93.0 | 47.4 |
| 188.ammp | 2 | 159 | 32.0 | 2 | 159 | 32.0 |
| 189.lucas | 2 | 135 | 34.4 | 2 | 135 | 34.4 |
| 191.fma3d | 2 | 157 | 31.1 | 2 | 157 | 31.1 |
| 200.sixtrack | 2 | 119 | 21.4 | 2 | 119 | 21.4 |
| 301.apsi | 2 | 225 | 26.8 | 2 | 225 | 26.8 |

### Hardware

| | |
|---|---|
| CPU: | Intel Xeon 5140 processor (2.33 GHz, 4MB L2 shared, 1333 MHz system bus) |
| CPU MHz: | 2330 |
| FPU: | Integrated |
| CPU(s) enabled: | 2 cores, 1 chip, 2 cores/chip |
| CPU(s) orderable: | 1 |
| 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 for SMP Library 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 for SMP Library v.8.0
  http://www.microquill.com/

  BIOS settings default.
  The system bus runs at 1333 MHz
  This result was measured with 32-bit binaries using the 32-bit version of the operating system.
```