# CFP2000 Result

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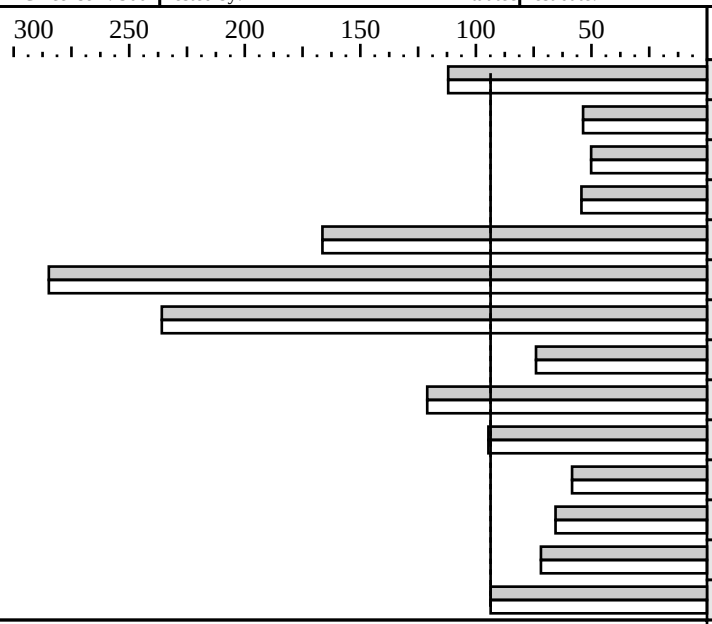
## Itautec

Servidor Itautec MX201 (Intel Xeon processor E5335, 2.00 GHz)

SPECfp_rate2000 = 93.6

SPECfp_rate_base2000 = 93.6

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 | 133 | 112 | 8 | 133 | 112 |
| 171.swim | 8 | 537 | 53.6 | 8 | 537 | 53.6 |
| 172.mgrid | 8 | 333 | 50.1 | 8 | 333 | 50.1 |
| 173.applu | 8 | 359 | 54.3 | 8 | 359 | 54.3 |
| 177.mesa | 8 | 78.1 | 166 | 8 | 78.1 | 166 |
| 178.galgel | 8 | 94.5 | 285 | 8 | 94.5 | 285 |
| 179.art | 8 | 102 | 236 | 8 | 102 | 236 |
| 183.equake | 8 | 163 | 74.0 | 8 | 163 | 74.0 |
| 187.facerec | 8 | 146 | 121 | 8 | 146 | 121 |
| 188.ammp | 8 | 216 | 94.6 | 8 | 216 | 94.6 |
| 189.lucas | 8 | 318 | 58.4 | 8 | 318 | 58.4 |
| 191.fma3d | 8 | 297 | 65.5 | 8 | 297 | 65.5 |
| 200.sixtrack | 8 | 142 | 71.9 | 8 | 142 | 71.9 |
| 301.apsi | 8 | 258 | 93.6 | 8 | 258 | 93.6 |

### Hardware

| | |
|---|---|
| CPU: | Intel Xeon processor E5335 (2.00 GHz, 2x4MB L2, 1333 MHz system bus) |
| CPU MHz: | 2000 |
| 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: | 8x2GB DDR2-RAM PC2-5300F (CAS 5-5-5) |
| Disk Subsystem: | 1 x 73GB SCSI 10000RPM |
| Other Hardware: | None |

### Software

| | |
|---|---|
| Operating System: | Windows Server 2003 Enterprise Edition + SP1 (32-bit) |
| Compiler: | Intel C++ Compiler 9.1<br>Build 20060519Z (for 32-bit applications),<br>Intel Fortran Compiler 9.1<br>Build 20060519Z (for 32-bit applications),<br>Microsoft Visual Studio .NET 2003 7.1.3088 (for libraries)<br>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

This result was measured on the Servidor Itautec MX221.
The Servidor Itautec MX201 and the Servidor Itautec MX221
are electronically equivalent.
```