# CINT2000 Result

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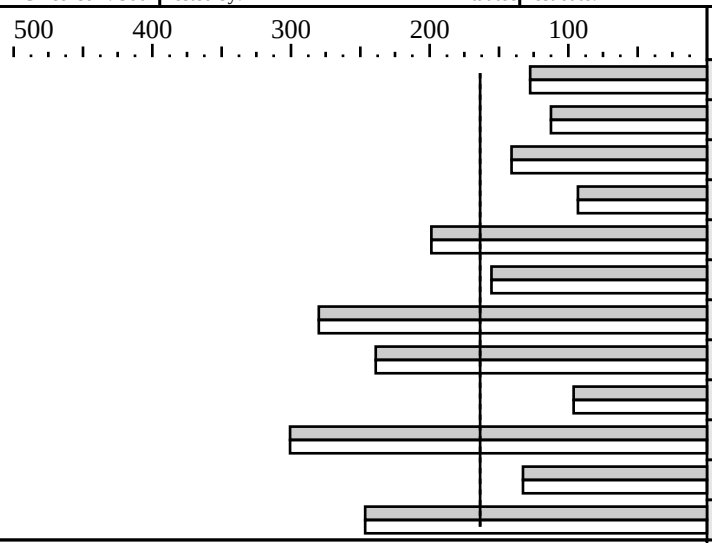
## Itautec

Servidor Itautec LX211 (Intel Xeon processor E5345, 2.33 GHz)

SPECint_rate2000 = 164

SPECint_rate_base2000 = 164

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 |
|---|---|---|---|---|---|---|
| 164.gzip | 8 | 102 | 128 | 8 | 102 | 128 |
| 175.vpr | 8 | 115 | 113 | 8 | 115 | 113 |
| 176.gcc | 8 | 72.4 | 141 | 8 | 72.4 | 141 |
| 181.mcf | 8 | 179 | 93.1 | 8 | 179 | 93.1 |
| 186.crafty | 8 | 46.7 | 199 | 8 | 46.7 | 199 |
| 197.parser | 8 | 107 | 155 | 8 | 107 | 155 |
| 252.eon | 8 | 43.1 | 280 | 8 | 43.1 | 280 |
| 253.perlbmk | 8 | 69.9 | 239 | 8 | 69.9 | 239 |
| 254.gap | 8 | 106 | 96.2 | 8 | 106 | 96.2 |
| 255.vortex | 8 | 58.6 | 301 | 8 | 58.6 | 301 |
| 256.bzip2 | 8 | 105 | 133 | 8 | 105 | 133 |
| 300.twolf | 8 | 113 | 247 | 8 | 113 | 247 |

### Hardware

| | |
|---|---|
| CPU: | Intel Xeon processor E5345 (2.33 GHz, 2x4MB L2, 1333 MHz system bus) |
| CPU MHz: | 2330 |
| 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: | 8x1GB DDR2-RAM PC2-5300F (CAS 5-5-5) |
| Disk Subsystem: | 1 x 80GB SATA 7200RPM |
| 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>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
   176.gcc:     -Dalloca=_alloca /F10000000
   186.crafty:  -DNT_i386
   253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
   254.gap:     -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Base tuning flags
   for C programs:   -fast +FDO shlSMPMt.lib
   for C++ programs: -fast -Qcxx_features +FDO  shlSMPMt.lib
EXTRA LIBRARIES
  MicroQuill SmartHeap Library v.8.0 for SMP
  http://www.microquill.com
```