# CINT2000 Result

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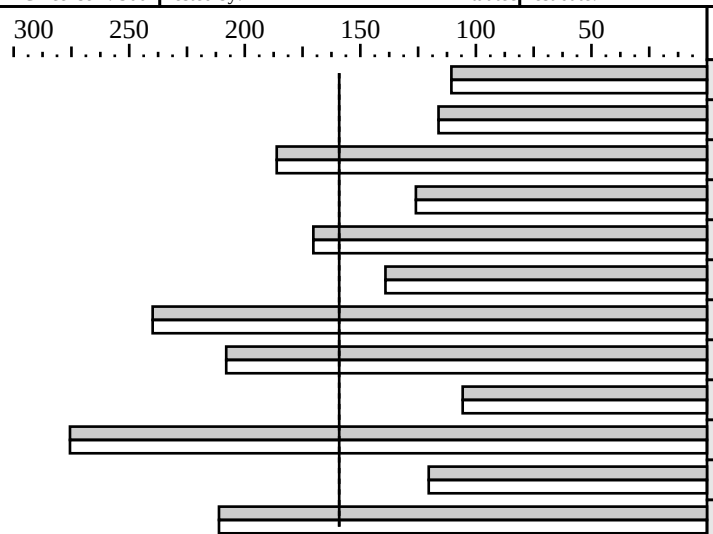
## Itautec

Servidor Itautec LX211 (Intel Xeon processor E5335, 2.00 GHz)

SPECint_rate2000 = 159

SPECint_rate_base2000 = 159

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 | 117 | 111 | 8 | 117 | 111 |
| 175.vpr | 8 | 112 | 116 | 8 | 112 | 116 |
| 176.gcc | 8 | 54.8 | 186 | 8 | 54.8 | 186 |
| 181.mcf | 8 | 133 | 126 | 8 | 133 | 126 |
| 186.crafty | 8 | 54.5 | 170 | 8 | 54.5 | 170 |
| 197.parser | 8 | 120 | 139 | 8 | 120 | 139 |
| 252.eon | 8 | 50.3 | 240 | 8 | 50.3 | 240 |
| 253.perlbmk | 8 | 80.3 | 208 | 8 | 80.3 | 208 |
| 254.gap | 8 | 96.6 | 106 | 8 | 96.6 | 106 |
| 255.vortex | 8 | 64.0 | 276 | 8 | 64.0 | 276 |
| 256.bzip2 | 8 | 116 | 120 | 8 | 116 | 120 |
| 300.twolf | 8 | 132 | 211 | 8 | 132 | 211 |

### 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: | 32 KB I + 32 KB 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: | 6x1GB DDR2-RAM PC2-5300F (CAS 5-5-5) |
| Disk Subsystem: | 1 x 120GB 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
```