CINT2000 Result

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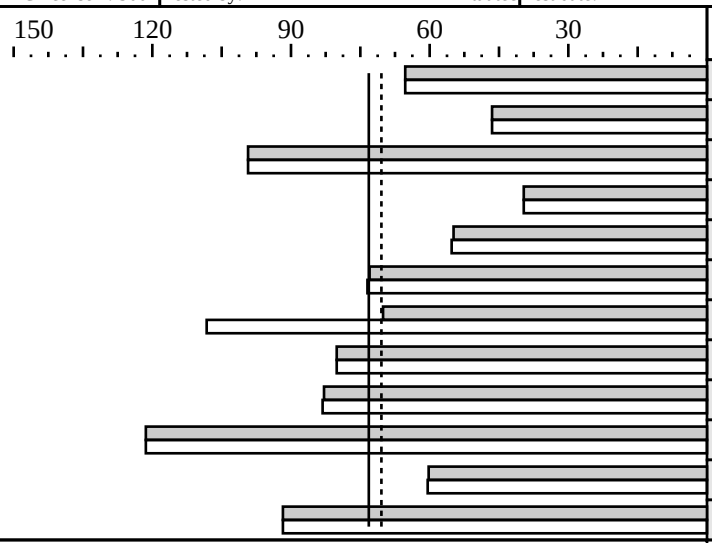
Itautec

Servidor Itautec MX201 (Intel Xeon 5060 processor, 3.20GHz)

SPECint_rate2000 = 73.2

SPECint_rate_base2000 = 70.4

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	199	65.3	8	199	65.3
175.vpr	8	279	46.5	8	279	46.5
176.gcc	8	103	99.3	8	103	99.3
181.mcf	8	421	39.6	8	421	39.6
186.crafty	8	169	54.8	8	168	55.2
197.parser	8	229	73.0	8	227	73.5
252.eon	8	172	70.1	8	111	108
253.perlbmk	8	209	80.1	8	209	80.1
254.gap	8	123	82.9	8	123	83.2
255.vortex	8	145	121	8	145	121
256.bzip2	8	231	60.2	8	230	60.4
300.twolf	8	303	91.7	8	303	91.7

Hardware

CPU:	Intel Xeon 5060 processor (3.20 GHz, 2x2MB L2, 1066 MHz system bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip, per core
Secondary Cache:	2048KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8x1GB DDRII-RAM PC2-5300F (CAS 5-5-5)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 Build 20060519Z for IA32 app, Intel Fortran Compiler 9.1 Build 20060519Z for IA32 app, Microsoft Visual Studio .NET 7.0.9466 (for libraries), MicroQuill SmartHeap Library v.7.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
GENERAL
  ONESTEP=yes
  +FDO:   PASS1= -prof_gen PASS2= -prof_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
  C:           -fast -QxP +FDO shlw32m2.lib
  C++:         -Qipo -Qcxx_features +FDO shlw32m2.lib
PEAK TUNING
  164.gzip:    basepeak=yes
  175.vpr:     basepeak=yes
  176.gcc:     basepeak=yes
  181.mcf:     basepeak=yes
  186.crafty:  -fast -Oa +FDO shlw32m2.lib
  197.parser:  -fast -QxP +FDO
  252.eon:     -fast  +FDO
  253.perlbmk: basepeak=yes
```

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Notes/Tuning Information (Continued)

```
    254.gap:     -fast +FDO
    255.vortex   basepeak=yes
    256.bzip2:   -fast  -Qunroll1 -Oa +FDO
    300.twolf:   basepeak=yes
  EXTRA LIBRARIES
   MicroQuill SmartHeap Library 7.0 available from
   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.
```