CINT2000 Result

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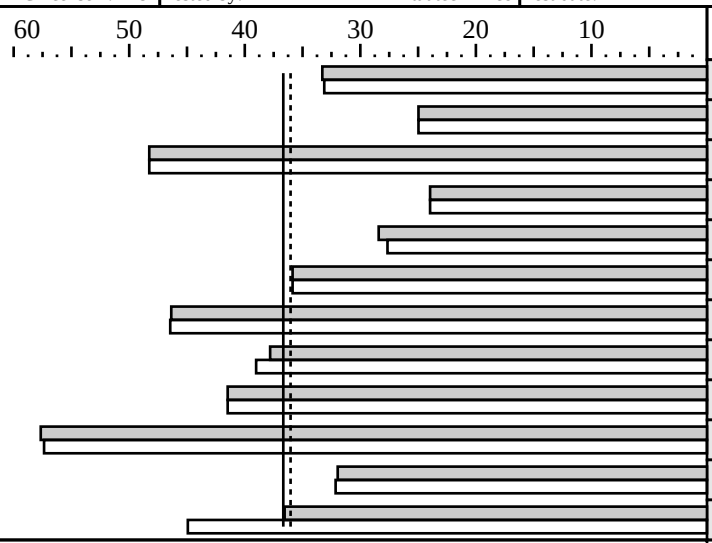
Itautec-Philco

Servidor Itautec MX220R (3.2 GHz Intel Xeon)

SPECint_rate2000 = 36.7

SPECint_rate_base2000 = 36.0

SPEC license #: 2784 | Tested by: Itautec-Philco | Test date: Jun-2005 | Hardware Avail: May-2005 | Software Avail: May-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	195	33.3	4	196	33.1
175.vpr	4	260	25.0	4	260	25.0
176.gcc	4	106	48.3	4	106	48.3
181.mcf	4	349	24.0	4	349	24.0
186.crafty	4	163	28.4	4	168	27.6
197.parser	4	233	35.9	4	233	35.9
252.eon	4	130	46.4	4	130	46.5
253.perlbmk	4	221	37.8	4	214	39.0
254.gap	4	123	41.5	4	123	41.5
255.vortex	4	153	57.7	4	154	57.4
256.bzip2	4	218	32.0	4	217	32.1
300.twolf	4	381	36.6	4	310	44.9

Hardware

CPU:	Intel Xeon (3.2 GHz Xeon, 2MB L2 Cache, 800 MHz system bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 1024 MB ECC DDR2 Single Rank
Disk Subsystem:	73GB SCSI 10K RPM U320
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise Edition
Compiler:	Intel C/C++ Compiler 8.1 for 32-bit Build 20050201Z Intel Fortran Compiler 8.1 for 32-bit Build 20050201Z Microsoft Visual Studio .NET 7.0.9466 (for libraries) Microquill SmartHeap Library 7
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
GENERAL
  ONESTEP=yes
  +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
  C:           -fast -QxP -Qansi_alias     +FDO
  C++:         -QxP -Qipo -Qcxx_features +FDO
PEAK TUNING
  164.gzip:    -fast -QxP -Qansi_alias -Oa +FDO
  175.vpr:     basepeak=yes
  176.gcc:     basepeak=yes
  181.mcf:     basepeak=yes
  186.crafty:  -fast -QxP -Oa +FDO shlW32M2.lib
  197.parser:  basepeak=yes
  252.eon:     -fast -QxP +FDO srcalt stdcpp
  253.perlbmk: -fast -QxP -Qansi_alias +FDO shlW32M2.lib
```

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Notes/Tuning Information (Continued)

```
    254.gap:     basepeak=yes
    255.vortex   -fast -QxP +FDO
    256.bzip2:   -fast -QxP -Qunroll1 -Oa +FDO
    300.twolf:   -fast -QxP +FDO shlW32M2.lib
  EXTRA LIBRARIES
    shlW32M2.lib: MicroQuill SmartHeap Library 7
                  www.microquill.com
```