CINT2000 Result

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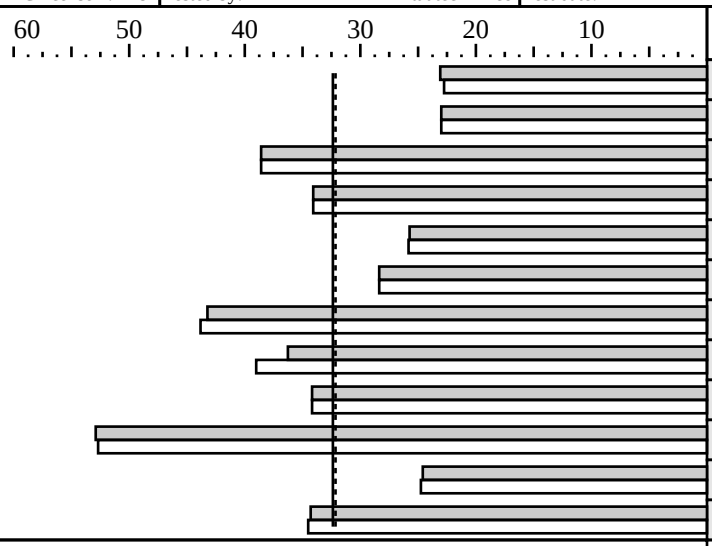
Itautec-Philco

Servidor Itautec MX220R (3.0 GHz Intel Xeon)

SPECint_rate2000 = 32.4

SPECint_rate_base2000 = 32.1

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	141	23.1	2	143	22.8
175.vpr	2	141	23.0	2	141	23.0
176.gcc	2	66.1	38.6	2	66.1	38.6
181.mcf	2	123	34.1	2	123	34.1
186.crafty	2	90.1	25.7	2	89.8	25.8
197.parser	2	147	28.4	2	147	28.4
252.eon	2	69.8	43.2	2	68.8	43.8
253.perlbmk	2	115	36.3	2	107	39.0
254.gap	2	74.7	34.2	2	74.7	34.2
255.vortex	2	83.3	52.9	2	83.7	52.7
256.bzip2	2	141	24.6	2	141	24.8
300.twolf	2	203	34.3	2	202	34.5

Hardware

CPU:	Intel Xeon (3.0 GHz Xeon, 2MB L2 Cache, 800 MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology disabled)
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
```