CINT2000 Result

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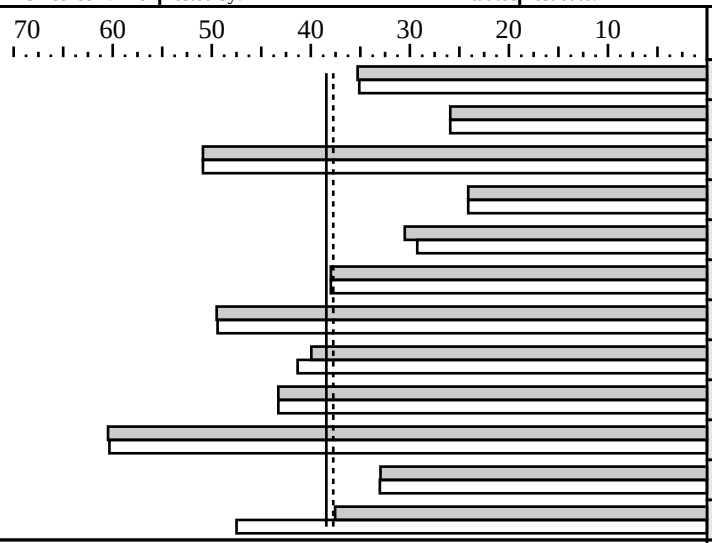
Itautec

Servidor Itautec MX220 (3.4 GHz Intel Xeon)

SPECint_rate2000 = 38.4

SPECint_rate_base2000 = 37.7

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	184	35.3	4	185	35.1
175.vpr	4	251	25.9	4	251	25.9
176.gcc	4	100	50.9	4	100	50.9
181.mcf	4	346	24.1	4	346	24.1
186.crafty	4	152	30.5	4	159	29.3
197.parser	4	220	38.0	4	220	38.0
252.eon	4	122	49.5	4	122	49.4
253.perlbmk	4	209	39.9	4	202	41.3
254.gap	4	118	43.3	4	118	43.3
255.vortex	4	146	60.5	4	146	60.3
256.bzip2	4	211	33.0	4	211	33.0
300.twolf	4	371	37.5	4	293	47.5

Hardware

CPU:	Intel Xeon (3.4 GHz Xeon, 2MB L2 Cache, 800 MHz system bus)
CPU MHz:	3400
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 2048 MB ECC DDR2 Single Rank
Disk Subsystem:	80GB Sata 10k
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise Edition
Compiler:	Intel C/C++ Compiler 8.1 for 32-bit applications Build 20050201Z Intel Fortran Compiler 8.1 for 32-bit application Build 20050201Z 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=-Qprof_gen  PASS2=-Qprof_use
PORTABILITY FLAGS
  176.gcc:     -Dalloca=_alloca /F10000000
  186.crafty:  -DNT_i386
  252.eon:     srcalt=stdcpp
  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
```

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Notes/Tuning Information (Continued)

```
    253.perlbmk: -fast -QxP -Qansi_alias +FDO shlW32M2.lib
    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 v.7.0
                  www.microquill.com
    NOTES
    *+FDO does not include -QxP for PASS1 to enable cross-compilation.
```