CINT2000 Result

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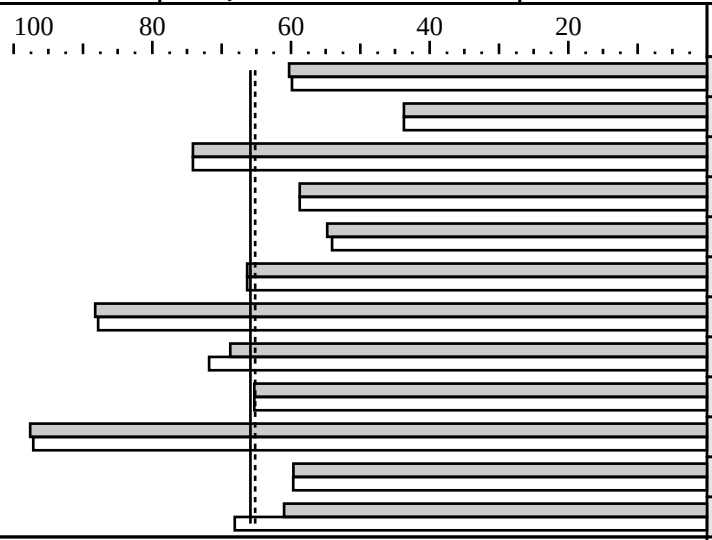
Itautec-Philco

Servidor Itautec ZX440 (3.0 GHz Intel Xeon)

SPECint_rate2000 = 65.9

SPECint_rate_base2000 = 65.2

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	216	60.3	8	217	59.9
175.vpr	8	297	43.7	8	297	43.7
176.gcc	8	138	74.1	8	138	74.1
181.mcf	8	284	58.7	8	284	58.7
186.crafty	8	169	54.8	8	172	54.1
197.parser	8	252	66.3	8	252	66.3
252.eon	8	137	88.2	8	137	87.8
253.perlbmk	8	243	68.8	8	233	71.8
254.gap	8	156	65.3	8	156	65.3
255.vortex	8	181	97.6	8	181	97.2
256.bzip2	8	233	59.7	8	233	59.7
300.twolf	8	456	61.0	8	409	68.1

Hardware

CPU:	Intel Xeon (3.0 GHz, 1MB L2, 8MB L3, 667 MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	4 cores, 4 chips, 1 core/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2,3,4
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	8096KB(I+D) on chip
Other Cache:	N/A
Memory:	16 x 2048 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 applications Build 20050201Z Intel Fortran Compiler 8.1 for 32-bit applications 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.
```