CINT2000 Result

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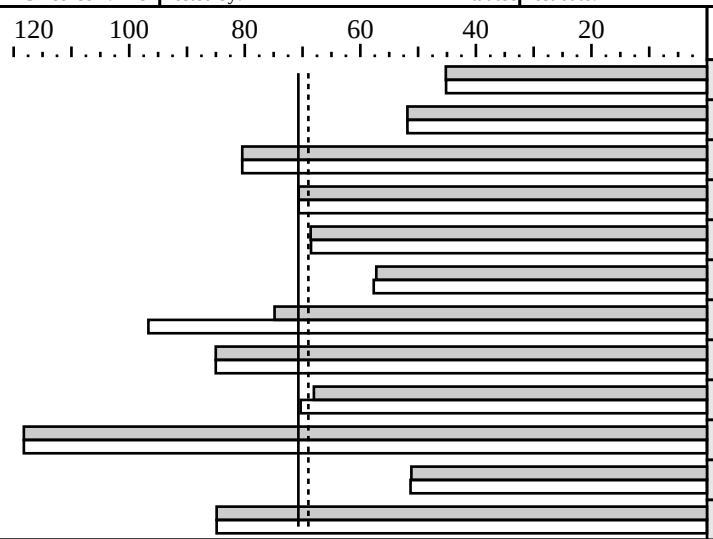
Itautec

Servidor Itautec MX221 (Intel Xeon processor 5110, 1.60GHz)

SPECint_rate2000 = 70.7

SPECint_rate_base2000 = 69.0

SPEC license #: 2784 | Tested by: Itautec | Test date: Jun-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	144	45.2	4	144	45.2
175.vpr	4	125	51.9	4	125	51.9
176.gcc	4	63.5	80.4	4	63.5	80.4
181.mcf	4	118	70.7	4	118	70.7
186.crafty	4	67.6	68.6	4	67.7	68.5
197.parser	4	146	57.2	4	145	57.7
252.eon	4	80.6	74.8	4	62.4	96.7
253.perlbmk	4	98.2	85.0	4	98.2	85.0
254.gap	4	75.0	68.0	4	72.6	70.3
255.vortex	4	74.6	118	4	74.6	118
256.bzip2	4	136	51.2	4	136	51.3
300.twolf	4	164	84.9	4	164	84.9

Hardware

CPU:	Intel Xeon Dual Core processor 5110 (1067 MHz system bus)
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	32K(I) + 32KB(D) on chip, per core
Secondary Cache:	4096KB(I+D) on chip, shared
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 2GB 667MHz ECC CL5 DDR2 FB-DIMM
Disk Subsystem:	1 x 120GB serial ata 7200rpm
Other Hardware:	None

Software

Operating System:	Microsoft Windows Server 2003 Enterprise Edition Service Pack 1 (32-bit)
Compiler:	Intel C++ Compiler 9.1 for 32-bit applications Build 20060519Z 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:    -fast -QxP +FDO
  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 v.7.0
                  www.microquill.com
```