CINT2000 Result

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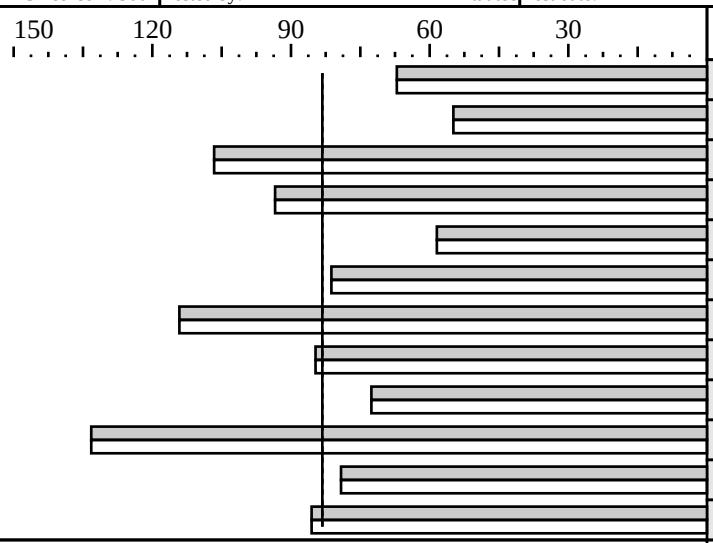
Itautec

Servidor Itautec ZX440 (Intel Xeon 7140M processor, 3.40 GHz)

SPECint_rate2000 = 83.2

SPECint_rate_base2000 = 83.2

SPEC license #: 9001 | Tested by: Itautec | Test date: Sep-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	194	67.1	8	194	67.1
175.vpr	8	237	54.9	8	237	54.9
176.gcc	8	95.7	107	8	95.7	107
181.mcf	8	179	93.4	8	179	93.4
186.crafty	8	159	58.4	8	159	58.4
197.parser	8	206	81.3	8	206	81.3
252.eon	8	106	114	8	106	114
253.perlbmk	8	197	84.7	8	197	84.7
254.gap	8	141	72.6	8	141	72.6
255.vortex	8	132	133	8	132	133
256.bzip2	8	176	79.2	8	176	79.2
300.twolf	8	325	85.5	8	325	85.5

Hardware

CPU:	Intel Xeon 7140M processor (3.40 GHz, 2x1MB L2, 16MB L3, 800 MHz system bus)
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip, per core
Secondary Cache:	1024KB(I+D) on chip, per core
L3 Cache:	16MB on chip, per chip
Other Cache:	N/A
Memory:	16x1GB DDR2-RAM PC2-3200R (CAS 3-3-3)
Disk Subsystem:	1 x 36GB SCSI 10000 RPM
Other Hardware:	None

Software

Operating System:	Windows Server 2003 Enterprise Edition + SP1 (32-bit)
Compiler:	Intel C++ Compiler 9.1 Build 20060519Z (for 32-bit applications), Microsoft Visual Studio .NET 7.0.9466 (for libraries), MicroQuill SmartHeap for SMP Library 8.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

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PORTABILITY FLAGS
   176.gcc:     -Dalloca=_alloca /F10000000
   186.crafy:   -DNT_i386
   253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
   254.gap:     -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
GENERAL
   +FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning flags
   for C programs:   -fast +FDO shlSMPMt.lib
   for C++ programs: -fast -Qcxx_features +FDO
EXTRA LIBRARIES
   MicroQuill SmartHeap for SMP Library 8.0 available from
   http://www.microquill.com/
```