CINT2000 Result

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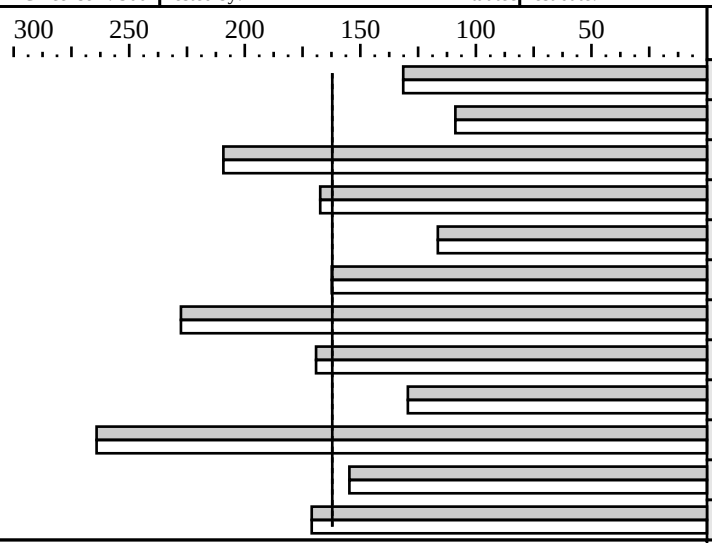
Itautec

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

SPECint_rate2000 = 162

SPECint_rate_base2000 = 162

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	16	198	131	16	198	131
175.vpr	16	239	109	16	239	109
176.gcc	16	97.6	209	16	97.6	209
181.mcf	16	200	167	16	200	167
186.crafty	16	159	116	16	159	116
197.parser	16	206	162	16	206	162
252.eon	16	106	228	16	106	228
253.perlbmk	16	198	169	16	198	169
254.gap	16	158	129	16	158	129
255.vortex	16	134	264	16	134	264
256.bzip2	16	180	155	16	180	155
300.twolf	16	326	171	16	326	171

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:	8 cores, 4 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2,3,4
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

```
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/
```