CFP2000 Result

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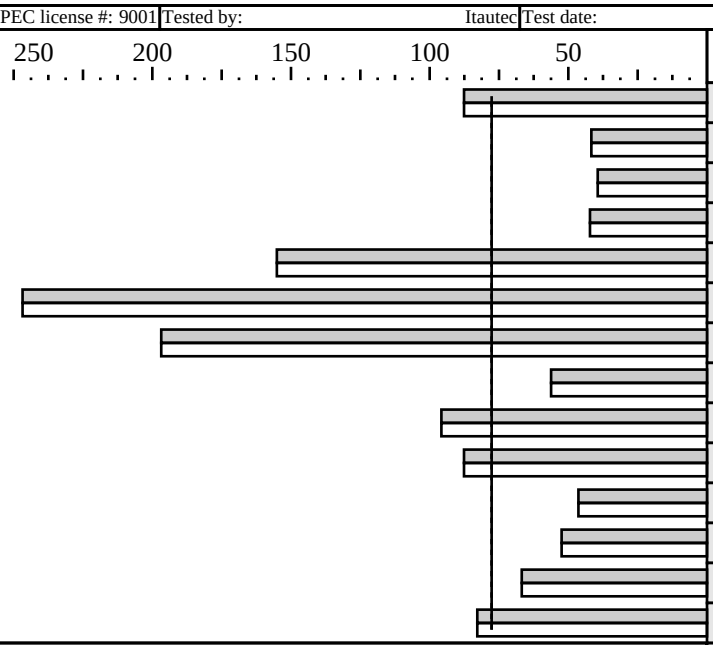
Itautec

Servidor Itautec MX221 (Intel Xeon processor E5320, 1.86 GHz)

SPECfp_rate2000 = 77.7

SPECfp_rate_base2000 = 77.7

SPEC license #: 9001 | Tested by: Itautec | Test date: Feb-2007 | Hardware Avail: Feb-2007 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	169	87.6	8	169	87.6
171.swim	8	690	41.7	8	690	41.7
172.mgrid	8	424	39.4	8	424	39.4
173.applu	8	462	42.2	8	462	42.2
177.mesa	8	83.8	155	8	83.8	155
178.galgel	8	109	247	8	109	247
179.art	8	123	197	8	123	197
183.equake	8	215	56.2	8	215	56.2
187.facerec	8	184	95.8	8	184	95.8
188.ammp	8	233	87.6	8	233	87.6
189.lucas	8	400	46.4	8	400	46.4
191.fma3d	8	372	52.4	8	372	52.4
200.sixtrack	8	153	66.8	8	153	66.8
301.apsi	8	291	82.8	8	291	82.8

Hardware

CPU:	Intel Xeon processor E5320 (1.86 GHz, 2x4MB L2, 1066 MHz system bus)
CPU MHz:	1860
FPU:	Integrated
CPU(s) enabled:	8 cores, 2 chips, 4 cores/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	32 KB I + 32 KB D on chip per core
Secondary Cache:	8 MB I+D on chip per chip (4 MB shared per 2 cores)
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)
Disk Subsystem:	1 x 73GB SCSI 10000RPM
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), Intel Fortran Compiler 9.1 Build 20060519Z (for 32-bit applications), Microsoft Visual Studio .NET 2003 7.1.3088 (for libraries) Microquill SmartHeap Library v.8.0 for SMP
File System:	NTFS
System State:	Default

Notes/Tuning Information

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GENERAL
Basepeak=yes is used for all programs
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_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 flags
   for C programs:   -fast +FDO shlSMPMt.lib
   for C++ programs: -fast -Qcxx_features +FDO  shlSMPMt.lib
EXTRA LIBRARIES
  MicroQuill SmartHeap Library v.8.0 for SMP
  http://www.microquill.com

The Servidor Itautec MX221 and the Servidor Itautec MX201 are electronically equivalent.
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