CFP2000 Result

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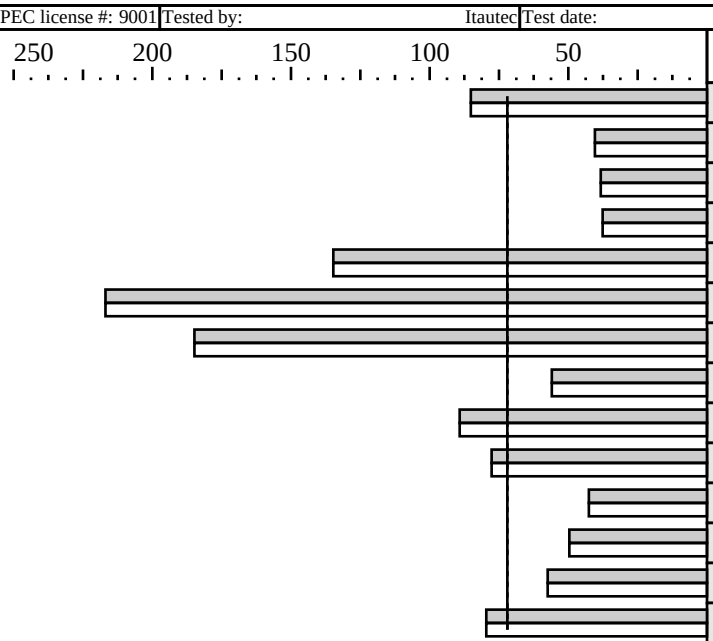
Itautec

Servidor Itautec LX211 (Intel Xeon processor E5310, 1.60 GHz)

SPECfp_rate2000 = 72.0

SPECfp_rate_base2000 = 72.0

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	174	85.2	8	174	85.2
171.swim	8	712	40.4	8	712	40.4
172.mgrid	8	436	38.3	8	436	38.3
173.applu	8	518	37.6	8	518	37.6
177.mesa	8	96.4	135	8	96.4	135
178.galgel	8	124	217	8	124	217
179.art	8	131	185	8	131	185
183.equake	8	216	56.0	8	216	56.0
187.facerec	8	198	89.2	8	198	89.2
188.ammp	8	263	77.7	8	263	77.7
189.lucas	8	436	42.6	8	436	42.6
191.fma3d	8	393	49.6	8	393	49.6
200.sixtrack	8	178	57.4	8	178	57.4
301.apsi	8	303	79.6	8	303	79.6

Hardware

CPU:	Intel Xeon processor E5310 (1.60 GHz, 2x4MB L2, 1066 MHz system bus)
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	8 cores, 2 chips, 4 cores/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	32KB(I) + 32KB(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:	6x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)
Disk Subsystem:	1 x 120GB SATA 7200RPM
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

```
GENERAL
Basepeak=yes is used for all programs
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
PORTABILITY FLAGS
   178.galgel:  -FI /F32000000
Base tuning flags
   for Fortran programs: -fast -Qansi_alias +FDO
   for C programs:       -fast               +FDO shlSMPMt.lib

EXTRA LIBRARIES
  MicroQuill SmartHeap Library v.8.0 for SMP
  http://www.microquill.com
```