CFP2000 Result

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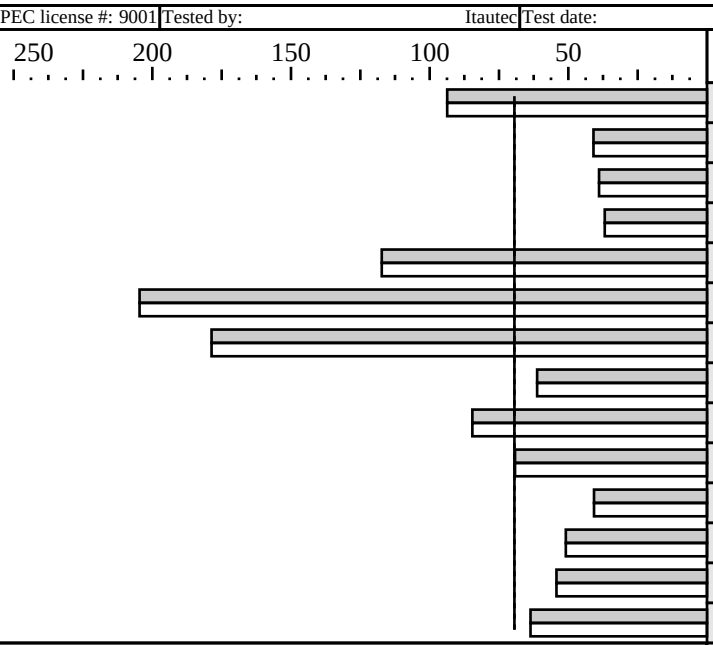
Itautec

Servidor Itautec LX211 (Intel Xeon 5160 processor)

SPECfp_rate2000 = 69.4

SPECfp_rate_base2000 = 69.4

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	79.3	93.7	4	79.3	93.7
171.swim	4	351	40.9	4	351	40.9
172.mgrid	4	215	38.9	4	215	38.9
173.applu	4	264	36.9	4	264	36.9
177.mesa	4	55.4	117	4	55.4	117
178.galgel	4	65.8	205	4	65.8	205
179.art	4	67.5	179	4	67.5	179
183.equake	4	98.5	61.2	4	98.5	61.2
187.facerec	4	104	84.6	4	104	84.6
188.ammp	4	147	69.2	4	147	69.2
189.lucas	4	228	40.7	4	228	40.7
191.fma3d	4	191	50.9	4	191	50.9
200.sixtrack	4	94.0	54.3	4	94.0	54.3
301.apsi	4	190	63.6	4	190	63.6

Hardware

CPU:	Intel Xeon 5160 processor (3.00 GHz, 4MB L2 shared, 1333 MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	32 KB I + 32 KB D on chip per core
Secondary Cache:	4096KB(I+D) on chip, per chip, shared
L3 Cache:	N/A
Other Cache:	N/A
Memory:	6x2GB DDR2-RAM PC2-5300F (CAS 5-5-5)ECC
Disk Subsystem:	1 x 120GB Serial ATA 7200 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), Intel Fortran Compiler 9.1 Build 20060519Z (for 32-bit applications), Microsoft Visual Studio 2005(for libraries, MicroQuill SmartHeap for SMP Library 8.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
PORTABILITY FLAGS
   178.galgel:  -FI /F32000000
GENERAL
   +FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use

Base tuning flags
   for Fortran programs: -fast -Qansi_alias +FDO
   for C programs:       -fast               +FDO shlSMPMt.lib

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