CFP2000 Result

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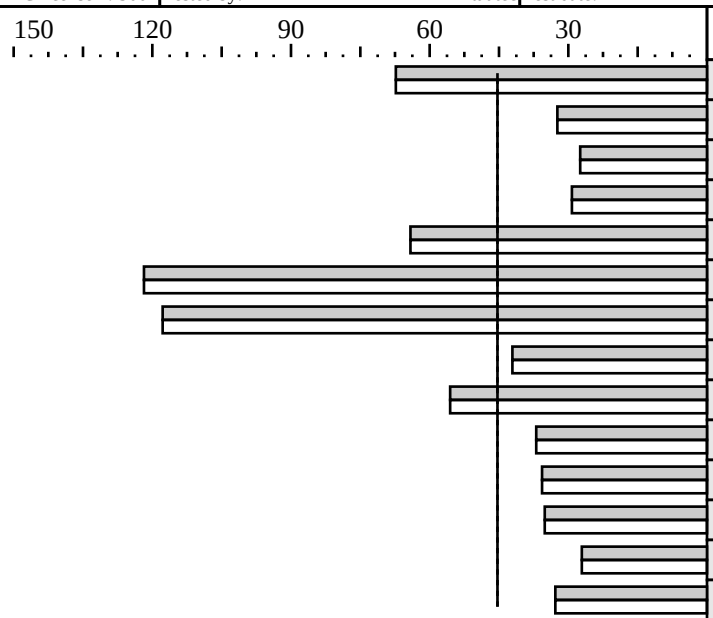
Itautec

Servidor Itautec MX221 (Intel Xeon 5160 processor, 3.00GHz)

SPECfp_rate2000 = 45.3

SPECfp_rate_base2000 = 45.3

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	2	55.1	67.3	2	55.1	67.3
171.swim	2	222	32.4	2	222	32.4
172.mgrid	2	152	27.4	2	152	27.4
173.applu	2	167	29.2	2	167	29.2
177.mesa	2	50.6	64.2	2	50.6	64.2
178.galgel	2	55.2	122	2	55.2	122
179.art	2	51.2	118	2	51.2	118
183.equake	2	71.6	42.1	2	71.6	42.1
187.facerec	2	79.3	55.6	2	79.3	55.6
188.ammp	2	138	36.9	2	138	36.9
189.lucas	2	130	35.7	2	130	35.7
191.fma3d	2	139	35.1	2	139	35.1
200.sixtrack	2	94.2	27.1	2	94.2	27.1
301.apsi	2	184	32.8	2	184	32.8

Hardware

CPU:	Intel Xeon 5160 processor (3.00 GHz, 4MB L2 shared, 1333 MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32 KB I + 32 KB D on chip per core
Secondary Cache:	4MB (I+D) on chip, per chip, shared
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8GB (8x1GB DDR2-RAM PC2-5300 FB-DIMM CL5 ECC)
Disk Subsystem:	1 x 36GB U320 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), Intel Fortran Compiler 9.1 Build 20060519Z (for 32-bit applications), Microsoft Visual Studio .NET 7.0.9466 (for libraries), Microquill SmartHeap Library v.7.0
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 shlw32m2.lib

EXTRA LIBRARIES
   MicroQuill SmartHeap Library v.7.0
   http://www.microquill.com/
```