CFP2000 Result

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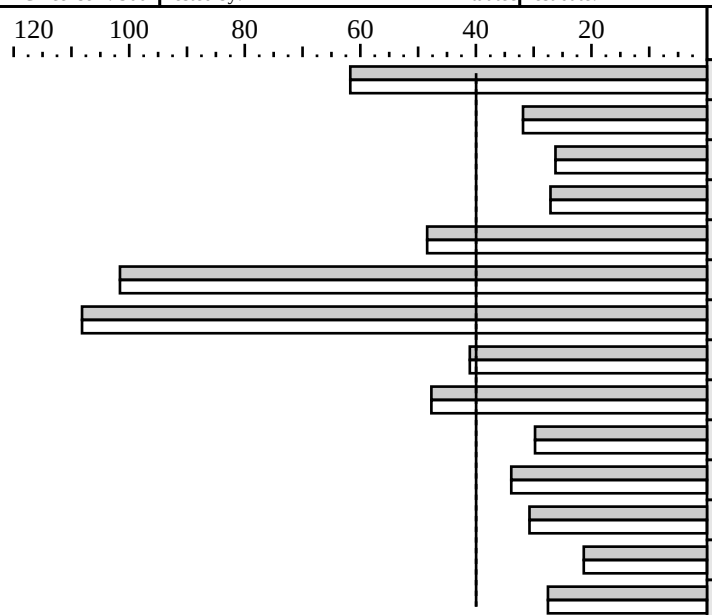
Itautec

Servidor Itautec LX211 (Intel Xeon 5140 processor)

SPECfp_rate2000 = 40.0

SPECfp_rate_base2000 = 40.0

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	60.1	61.7	2	60.1	61.7
171.swim	2	226	31.8	2	226	31.8
172.mgrid	2	159	26.2	2	159	26.2
173.applu	2	180	27.1	2	180	27.1
177.mesa	2	67.1	48.4	2	67.1	48.4
178.galgel	2	66.2	102	2	66.2	102
179.art	2	55.8	108	2	55.8	108
183.equake	2	73.5	41.1	2	73.5	41.1
187.facerec	2	92.4	47.7	2	92.4	47.7
188.ammp	2	172	29.8	2	172	29.8
189.lucas	2	137	33.9	2	137	33.9
191.fma3d	2	159	30.7	2	159	30.7
200.sixtrack	2	120	21.3	2	120	21.3
301.apsi	2	219	27.5	2	219	27.5

Hardware

CPU:	Intel Xeon 5140 processor (2.33 GHz, 4MB L2 shared, 1333 MHz system bus)
CPU MHz:	2330
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:	4096KB(I+D) on chip, per chip, shared
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x1GB 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/
```