CFP2000 Result

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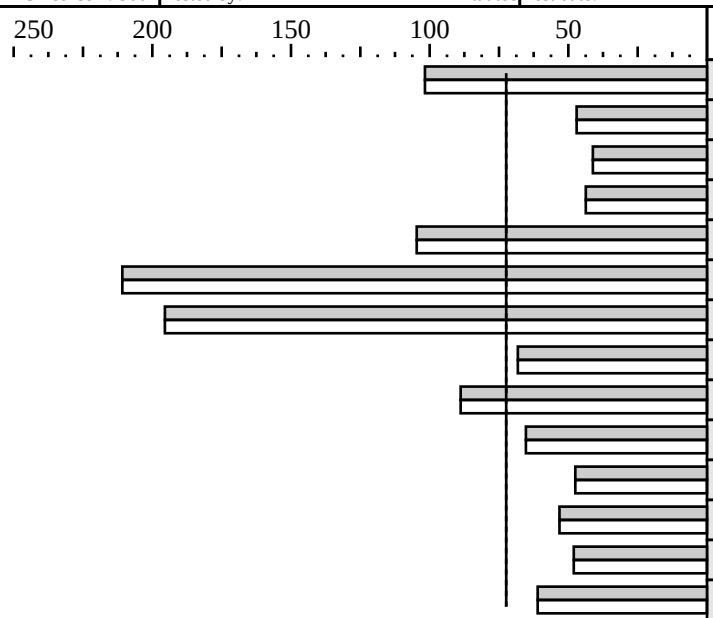
Itautec

Servidor Itautec LX211, Intel Xeon 5150 processor

SPECfp_rate2000 = 72.4

SPECfp_rate_base2000 = 72.4

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	73.0	102	4	73.0	102
171.swim	4	306	47.0	4	306	47.0
172.mgrid	4	203	41.2	4	203	41.2
173.applu	4	223	43.7	4	223	43.7
177.mesa	4	62.1	105	4	62.1	105
178.galgel	4	63.8	211	4	63.8	211
179.art	4	61.7	195	4	61.7	195
183.equake	4	88.4	68.2	4	88.4	68.2
187.facerec	4	99.3	88.8	4	99.3	88.8
188.ammp	4	156	65.3	4	156	65.3
189.lucas	4	195	47.5	4	195	47.5
191.fma3d	4	183	53.2	4	183	53.2
200.sixtrack	4	106	48.0	4	106	48.0
301.apsi	4	198	61.1	4	198	61.1

Hardware

CPU:	Intel Xeon 5150 processor (2.66 GHz, 1333 MHz system bus, 4MB L2 Cache shared)
CPU MHz:	2667
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	32KBI + 32KBD on chip, per core
Secondary Cache:	4096KB(I+D) on chip, per chip, shared
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2GB + 2x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)ECC
Disk Subsystem:	1 x 120GB Serial ATA 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 2005(for libraries) Microquill SmartHeap Library v.8.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

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


Base tuning flags
   for Fortran programs: -fast -Qansi_alias +FDO shlW32M.lib
   for C programs:       -fast +FDO shlW32M.lib

EXTRA LIBRARIES
  : MicroQuill SmartHeap Library v.8.0
        www.microquill.com

 BIOS settings: Hardware prefetch enabled, Adjacent Prefetch enabled
 The system bus runs at 1333 MHz
```

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Notes/Tuning Information (Continued)

This result was measured with 32-bit binaries using the 32-bit version of the operating system.