CFP2000 Result

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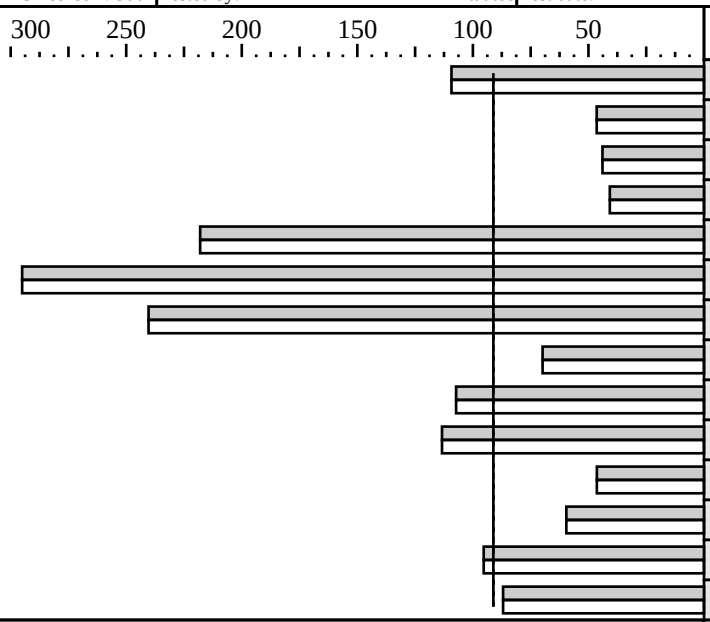
Itautec

Servidor Itautec MX221 (Intel Xeon X5355 processor)

SPECfp_rate2000 = 91.1

SPECfp_rate_base2000 = 91.1

SPEC license #: 9001 | Tested by: Itautec | Test date: Nov-2006 | Hardware Avail: Jan-2007 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	136	109	8	136	109
171.swim	8	620	46.4	8	620	46.4
172.mgrid	8	380	43.9	8	380	43.9
173.applu	8	478	40.8	8	478	40.8
177.mesa	8	59.6	218	8	59.6	218
178.galgel	8	91.2	295	8	91.2	295
179.art	8	100	240	8	100	240
183.equake	8	173	69.8	8	173	69.8
187.facerec	8	164	107	8	164	107
188.ammp	8	180	113	8	180	113
189.lucas	8	400	46.4	8	400	46.4
191.fma3d	8	327	59.6	8	327	59.6
200.sixtrack	8	107	95.3	8	107	95.3
301.apsi	8	278	86.9	8	278	86.9

Hardware

CPU:	Intel Xeon X5355 processor (2.66 GHz, 2x4MB L2, 1333 MHz system bus)
CPU MHz:	2660
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:	8MB (I+D) on chip, per chip (4MB shared per 2 cores)
L3 Cache:	N/A
Other Cache:	N/A
Memory:	16GB (8x2GB DDR2-RAM PC2-5300 FB-DIMM CL5 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 20060323Z (for 32-bit applications), Microsoft Visual Studio 2005(for libraries), MicroQuill SmartHeap for SMP Library v.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 v.8.0
  http://www.microquill.com

  BIOS settings: Adjacent Sector Prefetch = disable
  The system bus runs at 1333 MHz
  This result was measured with 32-bit binaries using the 32-bit version of the operating system.
```