CFP2000 Result

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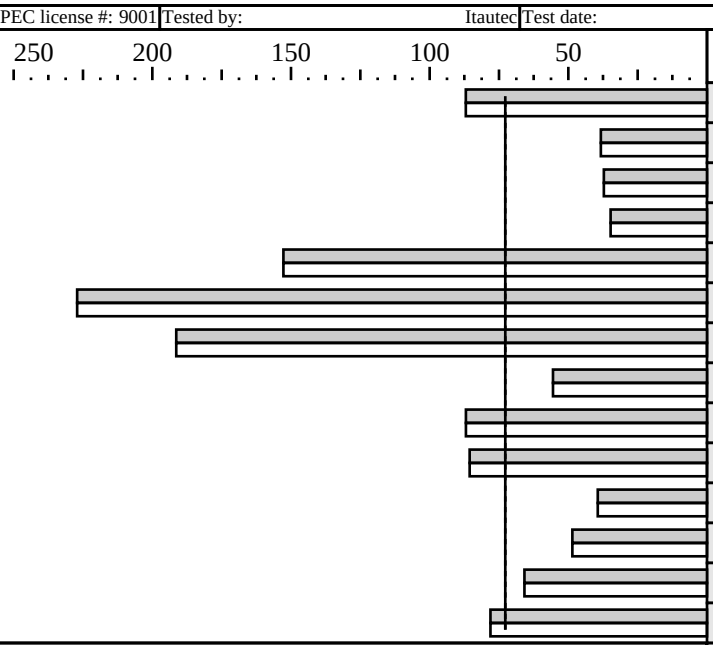
Itautec

Servidor Itautec LX201 (Intel Xeon processor E5320, 1.86 GHz)

SPECfp_rate2000 = 72.7

SPECfp_rate_base2000 = 72.7

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	171	87.0	8	171	87.0
171.swim	8	752	38.3	8	752	38.3
172.mgrid	8	449	37.2	8	449	37.2
173.applu	8	561	34.8	8	561	34.8
177.mesa	8	85.1	153	8	85.1	153
178.galgel	8	119	227	8	119	227
179.art	8	126	191	8	126	191
183.equake	8	217	55.5	8	217	55.5
187.facerec	8	203	86.9	8	203	86.9
188.ammp	8	239	85.6	8	239	85.6
189.lucas	8	471	39.4	8	471	39.4
191.fma3d	8	401	48.5	8	401	48.5
200.sixtrack	8	155	65.8	8	155	65.8
301.apsi	8	309	78.1	8	309	78.1

Hardware

CPU:	Intel Xeon processor E5320 (1.86 GHz, 2x4MB L2, 1066 MHz system bus)
CPU MHz:	1860
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:	8 MB I+D on chip per chip (4 MB shared per 2 cores)
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)
Disk Subsystem:	1 x 120GB SATA 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 .NET 2003 7.1.3088 (for libraries) Microquill SmartHeap Library v.8.0 for SMP
File System:	NTFS
System State:	Default

Notes/Tuning Information

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GENERAL
Basepeak=yes is used for all programs
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
PORTABILITY FLAGS
   178.galgel:  -FI /F32000000
Base tuning flags
   for Fortran programs: -fast -Qansi_alias +FDO
   for C programs:       -fast               +FDO shlSMPMt.lib

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