CFP2000 Result

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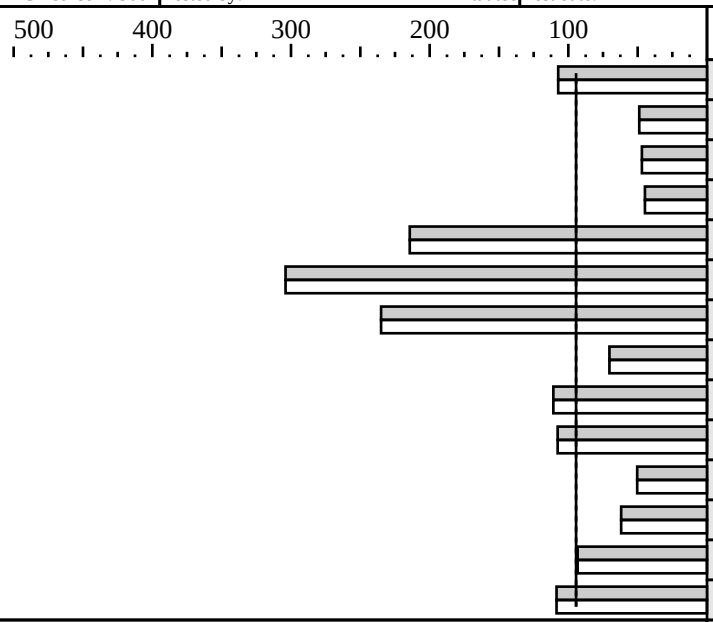
Itautec

Servidor Itautec LX201 (Intel Xeon processor X5355, 2.66 GHz)

SPECfp_rate2000 = 94.4

SPECfp_rate_base2000 = 94.4

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	138	107	8	138	107
171.swim	8	589	48.8	8	589	48.8
172.mgrid	8	356	47.0	8	356	47.0
173.applu	8	435	44.8	8	435	44.8
177.mesa	8	60.6	214	8	60.6	214
178.galgel	8	88.5	304	8	88.5	304
179.art	8	103	235	8	103	235
183.equake	8	171	70.4	8	171	70.4
187.facerec	8	159	111	8	159	111
188.ammp	8	190	108	8	190	108
189.lucas	8	369	50.3	8	369	50.3
191.fma3d	8	315	61.9	8	315	61.9
200.sixtrack	8	109	93.3	8	109	93.3
301.apsi	8	222	109	8	222	109

Hardware

CPU:	Intel Xeon processor X5355 (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:	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

```
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
```