CFP2000 Result

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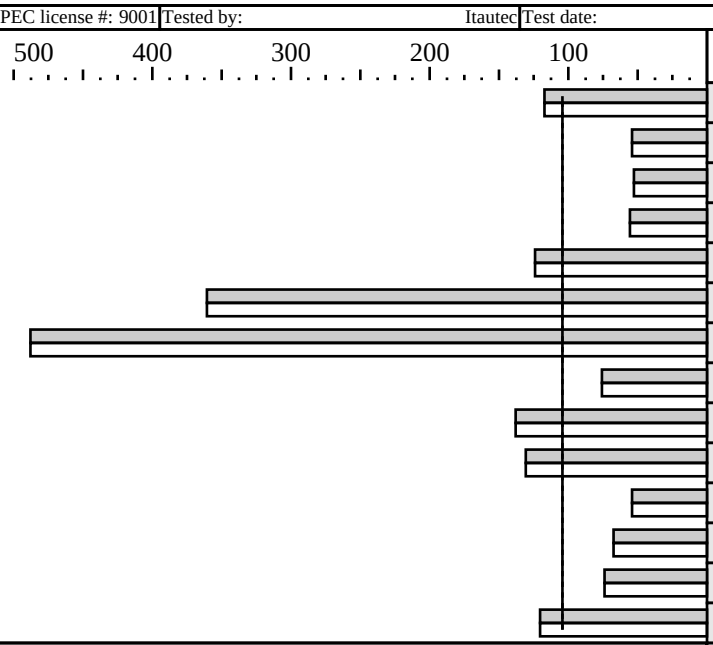
Itautec

Servidor Itautec ZX440 (Intel Xeon 7140M processor)

SPECfp_rate2000 = 104

SPECfp_rate_base2000 = 104

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	16	253	117	16	253	117
171.swim	16	1064	54.1	16	1064	54.1
172.mgrid	16	634	52.7	16	634	52.7
173.applu	16	701	55.6	16	701	55.6
177.mesa	16	210	124	16	210	124
178.galgel	16	149	361	16	149	361
179.art	16	98.9	488	16	98.9	488
183.equake	16	318	75.8	16	318	75.8
187.facerec	16	256	138	16	256	138
188.ammp	16	312	131	16	312	131
189.lucas	16	687	54.0	16	687	54.0
191.fma3d	16	578	67.4	16	578	67.4
200.sixtrack	16	276	73.9	16	276	73.9
301.apsi	16	401	120	16	401	120

Hardware

CPU:	Intel Xeon 7140M processor (3.40 GHz, 2x1MB L2, 16MB L3, 800 MHz system bus
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	8 cores, 4 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2,3,4
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip, per core
Secondary Cache:	1024KB(I+D) on chip, per core
L3 Cache:	16MB on chip, per chip
Other Cache:	N/A
Memory:	16x1GB DDR2-RAM PC2-3200R (CAS 3-3-3)
Disk Subsystem:	1 x 36GB SCSI 10000 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 .NET 7.0.9466 (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/
```