CFP2000 Result

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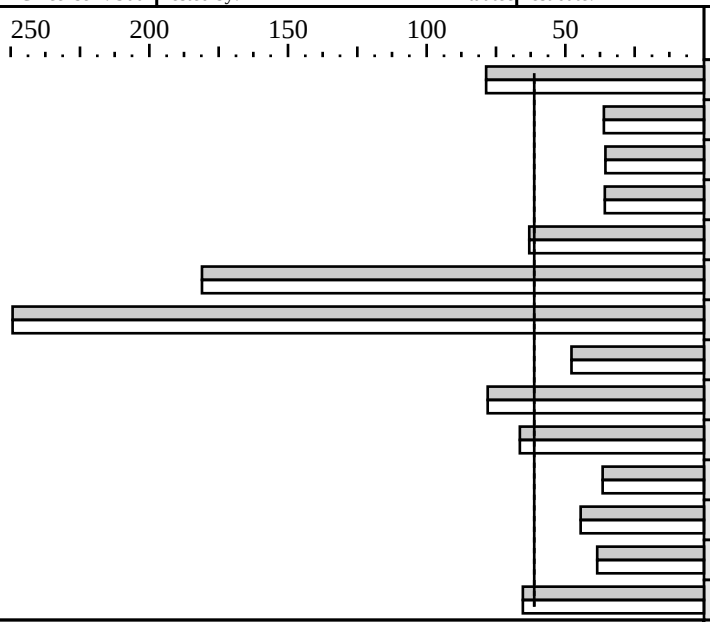
Itautec

Servidor Itautec ZX400 (Intel Xeon 7140M processor)

SPECfp_rate2000 = 61.2

SPECfp_rate_base2000 = 61.2

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	8	189	78.6	8	189	78.6
171.swim	8	797	36.1	8	797	36.1
172.mgrid	8	470	35.5	8	470	35.5
173.applu	8	545	35.8	8	545	35.8
177.mesa	8	206	63.0	8	206	63.0
178.galgel	8	149	181	8	149	181
179.art	8	96.8	249	8	96.8	249
183.equake	8	252	47.8	8	252	47.8
187.facerec	8	226	78.0	8	226	78.0
188.ammp	8	307	66.4	8	307	66.4
189.lucas	8	508	36.5	8	508	36.5
191.fma3d	8	438	44.5	8	438	44.5
200.sixtrack	8	265	38.5	8	265	38.5
301.apsi	8	369	65.3	8	369	65.3

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:	4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2
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/
```