CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

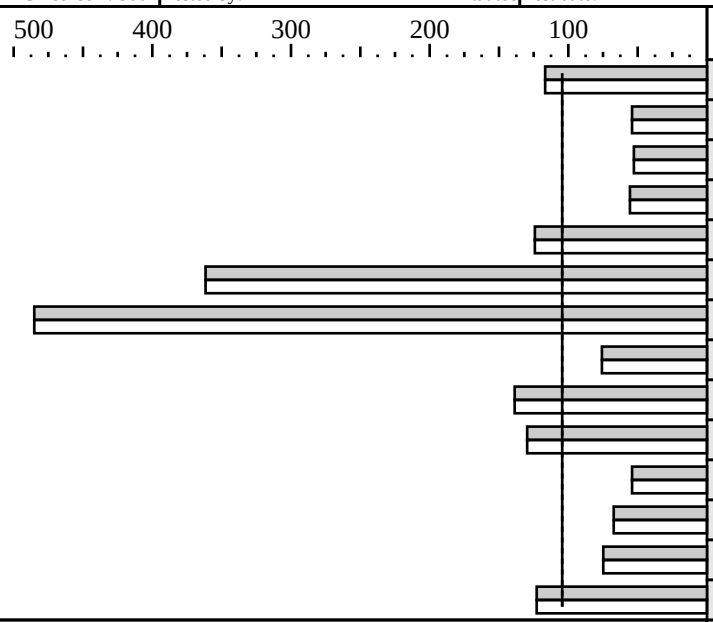
Itautec

Servidor Itautec ZX400 (Intel Xeon 7140M processor)

SPECfp_rate2000 = 104

SPECfp_rate_base2000 = 104

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	16	254	117	16	254	117
171.swim	16	1065	54.0	16	1065	54.0
172.mgrid	16	634	52.7	16	634	52.7
173.applu	16	702	55.6	16	702	55.6
177.mesa	16	209	124	16	209	124
178.galgel	16	149	362	16	149	362
179.art	16	99.5	485	16	99.5	485
183.equake	16	318	75.8	16	318	75.8
187.facerec	16	254	139	16	254	139
188.ammp	16	315	130	16	315	130
189.lucas	16	687	54.0	16	687	54.0
191.fma3d	16	579	67.3	16	579	67.3
200.sixtrack	16	273	74.8	16	273	74.8
301.apsi	16	393	123	16	393	123

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/
```