CFP2000 Result

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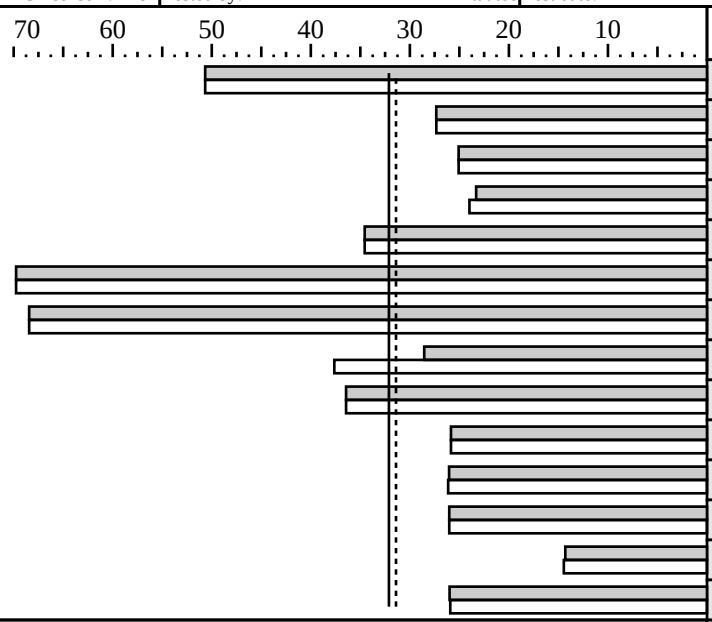
Itautec

Servidor Itautec MX220 (3.4 GHz Intel Xeon)

SPECfp_rate2000 = 32.1

SPECfp_rate_base2000 = 31.4

SPEC license #: 2784 | Tested by: Itautec | Test date: Sep-2005 | Hardware Avail: May-2005 | Software Avail: May-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	73.3	50.7	2	73.3	50.7
171.swim	2	263	27.3	2	263	27.3
172.mgrid	2	167	25.1	2	167	25.1
173.applu	2	209	23.3	2	203	24.0
177.mesa	2	94.0	34.6	2	94.0	34.6
178.galgel	2	96.5	69.8	2	96.5	69.8
179.art	2	88.1	68.4	2	88.1	68.4
183.equake	2	106	28.5	2	80.2	37.6
187.facerec	2	121	36.4	2	121	36.4
188.ammp	2	197	25.8	2	197	25.8
189.lucas	2	178	26.0	2	178	26.1
191.fma3d	2	187	26.0	2	187	26.0
200.sixtrack	2	178	14.3	2	177	14.5
301.apsi	2	232	26.0	2	233	25.9

Hardware

CPU:	Intel Xeon (3.4 GHz Xeon, 2MB L2 Cache, 800 MHz system bus)
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 2048 MB ECC DDR2 Single Rank
Disk Subsystem:	80GB SATA 10k
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise Edition
Compiler:	Intel C/C++ Compiler 8.1 for 32-bit applications Build 20050201Z Intel Fortran Compiler 8.1 for 32-bit application Build 20050201Z Microsoft Visual Studio .NET 7.0.9466 (for libraries) Microquill SmartHeap Library v.7.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
GENERAL
  ONESTEP=yes
  +FDO:   PASS1=-Qprof_gen  PASS2=-Qprof_use
PORTABILITY FLAGS
  178.galgel:   -FI /F32000000
  191.fma3d:    srcalt=windowsdp
BASE TUNING
  C/F77/F90:    -fast -QxP -Qansi_alias     +FDO
PEAK TUNING
  168.wupwise:  basepeak=yes
  171.swim:     -fast -QxP -f77rtl +FDO
  172.mgrid:    basepeak=yes
  173.applu:    -fast -QxP -Qscalar_rep- -Qauto -f77rtl +FDO
  177.mesa:     basepeak=yes
  178.galgel:   basepeak=yes
  179.art:      basepeak=yes
  183.equake:   -fast -QxP -Qansi_alias -Oa -Qrcd +FDO shlW32M2.lib
```

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Notes/Tuning Information (Continued)

```
    187.facerec:  basepeak=yes
    188.ammp:     basepeak=yes
    189.lucas:    -fast -QxP
    191.fma3d:    basepeak=yes
    200.sixtrack: -QxP -Qipo +FDO
    301.apsi:     -fast -QxP -f77rtl +FDO
  EXTRA LIBRARIES
    shlW32M2.lib: MicroQuill SmartHeap Library v.7.0
                  www.microquill.com
```