CFP2000 Result

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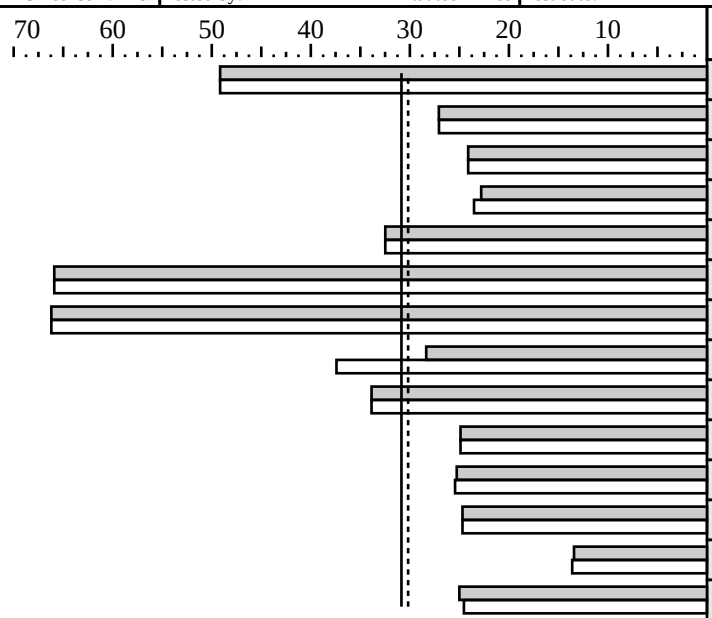
Itautec-Philco

Servidor Itautec MX220R (3.2 GHz Intel Xeon)

SPECfp_rate2000 = 30.8

SPECfp_rate_base2000 = 30.2

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	75.5	49.2	2	75.5	49.2
171.swim	2	266	27.1	2	266	27.1
172.mgrid	2	173	24.1	2	173	24.1
173.applu	2	214	22.8	2	207	23.5
177.mesa	2	100	32.5	2	100	32.5
178.galgel	2	102	65.9	2	102	65.9
179.art	2	91.1	66.2	2	91.1	66.2
183.equake	2	106	28.3	2	80.6	37.4
187.facerec	2	130	33.9	2	130	33.9
188.ammp	2	205	24.9	2	205	24.9
189.lucas	2	184	25.3	2	182	25.4
191.fma3d	2	197	24.7	2	197	24.7
200.sixtrack	2	190	13.4	2	188	13.6
301.apsi	2	241	25.0	2	246	24.5

Hardware

CPU:	Intel Xeon (3.2 GHz Xeon, 2MB L2 Cache, 800 MHz system bus)
CPU MHz:	3200
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 1024 MB ECC DDR2 Single Rank
Disk Subsystem:	73GB SCSI 10K RPM U320
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise Edition
Compiler:	Intel C/C++ Compiler 8.1 for 32-bit applications 20050201Z Intel Fortran Compiler 8.1 for 32-bit applications 20050201Z Microsoft Visual Studio .NET 7.0.9466 (for libraries) Microquill SmartHeap Library 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
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
  187.facerec:  basepeak=yes
```

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Notes/Tuning Information (Continued)

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