CFP2000 Result

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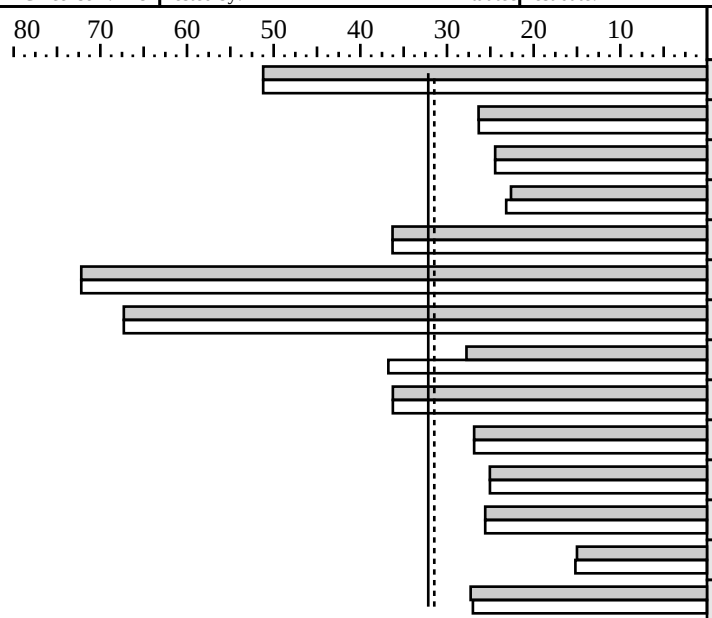
Itautec

Servidor Itautec BX200 (3.6 GHz Intel Xeon)

SPECfp_rate2000 = 32.2

SPECfp_rate_base2000 = 31.5

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	72.5	51.2	2	72.5	51.2
171.swim	2	273	26.4	2	273	26.3
172.mgrid	2	171	24.4	2	171	24.4
173.applu	2	215	22.6	2	210	23.2
177.mesa	2	89.5	36.3	2	89.5	36.3
178.galgel	2	93.2	72.2	2	93.2	72.2
179.art	2	89.6	67.3	2	89.6	67.3
183.equake	2	109	27.8	2	82.0	36.8
187.facerec	2	122	36.2	2	122	36.2
188.ammp	2	190	26.9	2	190	26.9
189.lucas	2	185	25.1	2	185	25.0
191.fma3d	2	190	25.6	2	190	25.6
200.sixtrack	2	170	15.0	2	168	15.2
301.apsi	2	221	27.3	2	223	27.0

Hardware

CPU:	Intel Xeon (3.6 GHz Xeon, 2MB L2 Cache, 800 MHz system bus)
CPU MHz:	3600
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 DDR2-400 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 Build 20050201Z Intel Fortran Compiler 8.1 for 32-bit applications 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
```