



# CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

**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.quake	2	106	28.3	2	80.6	37.4
187.facerec	2	130	33.9	2	130	33.9
188.amp	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.quake: -fast -QxP -Qansi\_alias -Oa -Qrcd +FDO shlw32M2.lib  
 187.facerec: basepeak=yes



# CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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

## Notes/Tuning Information (Continued)

```
188. ammp: basepeak=yes
189. lucas: -fast -QxP
191. fma3d: basepeak=yes srcalt windowsdp
200. sixtrack: -QxP -Qipo +FDO
301. psi: -fast -QxP -f77rtl +FDO
EXTRA LIBRARIES
shlw32M2.lib: MicroQuill SmartHeap Library 7.0
              www.microquill.com
```