



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.quake	2	106	28.5	2	80.2	37.6
187.facerec	2	121	36.4	2	121	36.4
188.amp	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 /F3200000
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.quake: -fast -QxP -Qansi_alias -Oa -Qrcd +FDO shlw32M2.lib



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Notes/Tuning Information (Continued)

```
187.facerec: basepeak=yes
188.amp: 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
```