



CFP2000 Result

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Itautec-Philco
Servidor Itautec MX220R (3.0 GHz Intel Xeon)

SPECfp_rate2000 = 29.9
SPECfp_rate_base2000 = 29.2

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	78.7	47.2	2	78.7	47.2
171.swim	2	267	26.9	2	267	27.0
172.mgrid	2	175	23.8	2	175	23.8
173.applu	2	217	22.5	2	211	23.1
177.mesa	2	106	30.5	2	106	30.5
178.galgel	2	107	62.7	2	107	62.7
179.art	2	93.4	64.6	2	93.4	64.6
183.quake	2	107	28.1	2	81.9	36.8
187.facerec	2	135	32.7	2	135	32.7
188.amp	2	216	23.6	2	216	23.6
189.lucas	2	184	25.2	2	183	25.3
191.fma3d	2	204	23.8	2	204	23.8
200.sixtrack	2	202	12.6	2	200	12.8
301.apsi	2	251	24.1	2	252	24.0

Hardware

CPU: Intel Xeon (3.0 GHz Xeon, 2MB L2 Cache, 800 MHz system bus)
 CPU MHz: 3000
 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 Build 20050201Z
 Intel Fortran Compiler 8.1 for 32-bit Build 20050201Z
 Microsoft Visual Studio .NET 7.0.9466 (for libraries)
 Microquill SmartHeap Library 7
 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

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



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Notes/Tuning Information (Continued)

188. ammp: basepeak=yes
189. lucas: -fast -QxP
191. fma3d: basepeak=yes srcalt windowmdp
200. sixtrack: -QxP -Qipo +FDO
301. apsi: -fast -QxP -f77rtl +FDO
EXTRA LIBRARIES
shlw32M2.lib: MicroQuill SmartHeap Library 7
www.microquill.com