



CFP2000 Result

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Itautec

Servidor Itautec MX221 (Intel Xeon 5110 processor, 1.86GHz)

SPECfp_rate2000 = 54.5

SPECfp_rate_base2000 = 54.5

SPEC license #: 9001 | Tested by: Itautec | Test date: Oct-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	92.5	80.3	4	92.5	80.3
171.swim	4	361	39.9	4	361	39.9
172.mgrid	4	265	31.5	4	265	31.5
173.applu	4	239	40.8	4	239	40.8
177.mesa	4	96.4	67.4	4	96.4	67.4
178.galgel	4	93.6	144	4	93.6	144
179.art	4	83.3	145	4	83.3	145
183.quake	4	111	54.1	4	111	54.1
187.facerec	4	135	65.2	4	135	65.2
188.amp	4	244	41.9	4	244	41.9
189.lucas	4	221	42.1	4	221	42.1
191.fma3d	4	222	43.9	4	222	43.9
200.sixtrack	4	175	29.2	4	175	29.2
301.apsi	4	271	44.5	4	271	44.5

Hardware

CPU: Intel Xeon 5110 processor (1.60 GHz, 4MB L2 shared, 1066 MHz system bus)
 CPU MHz: 1600
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 32 KB I + 32 KB D on chip per core
 Secondary Cache: 4096KB(I+D) on chip, per chip, shared
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)ECC
 Disk Subsystem: 1 x 36GB U320 SCSI 10000 RPM
 Other Hardware: None

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1 (32-bit)
 Compiler: Intel C++ Compiler 9.1
 Build 20060519Z (for 32-bit applications),
 Intel Fortran Compiler 9.1
 Build 20060519Z (for 32-bit applications),
 Microsoft Visual Studio .NET 7.0.9466 (for libraries),
 MicroQuill SmartHeap for SMP Library 8.0
 File System: NTFS
 System State: Default

Notes/Tuning Information

PORTABILITY FLAGS

178.galgel: -FI /F32000000

GENERAL

+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

Base tuning flags

for Fortran programs: -fast -Qansi_alias +FDO

for C programs: -fast +FDO shlSMPMt.lib

EXTRA LIBRARIES

MicroQuill SmartHeap for SMP Library 8.0 available from
<http://www.microquill.com/>