



CFP2000 Result

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Itautec

Servidor Itautec MX221 (Intel Xeon 5130 processor, 2.00GHz)

SPECfp_rate2000 = 68.1

SPECfp_rate_base2000 = 68.1

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	74.2	100	4	74.2	100
171.swim	4	270	53.2	4	270	53.2
172.mgrid	4	175	47.8	4	175	47.8
173.applu	4	194	50.2	4	194	50.2
177.mesa	4	76.6	84.8	4	76.6	84.8
178.galgel	4	77.4	174	4	77.4	174
179.art	4	68.6	176	4	68.6	176
183.equake	4	91.3	66.1	4	91.3	66.1
187.facerec	4	111	79.4	4	111	79.4
188.amp	4	192	53.3	4	192	53.3
189.lucas	4	183	50.6	4	183	50.6
191.fma3d	4	190	51.3	4	190	51.3
200.sixtrack	4	140	36.5	4	140	36.5
301.apsi	4	231	52.1	4	231	52.1

Hardware

CPU: Intel Xeon 5130 processor (2.00GHz, 4MB L2, 1333MHz system bus)
 CPU MHz: 2000
 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 533MHz ECC CL4 FB-DIMM DDR2 SDRAM
 Disk Subsystem: 1 x 73GB 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/>