



CFP2000 Result

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Itaotec

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

SPECfp_rate2000 = 39.7

SPECfp_rate_base2000 = 39.7

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	57.8	64.2	2	57.8	64.2
171.swim	2	204	35.2	2	204	35.2
172.mgrid	2	166	25.1	2	166	25.1
173.applu	2	162	30.0	2	162	30.0
177.mesa	2	74.5	43.6	2	74.5	43.6
178.galgel	2	70.8	95.0	2	70.8	95.0
179.art	2	57.6	105	2	57.6	105
183.quake	2	68.5	44.0	2	68.5	44.0
187.facerec	2	98.3	44.8	2	98.3	44.8
188.amp	2	180	28.4	2	180	28.4
189.lucas	2	125	37.2	2	125	37.2
191.fma3d	2	152	32.0	2	152	32.0
200.sixtrack	2	141	18.1	2	141	18.1
301.apsi	2	224	27.0	2	224	27.0

Hardware

CPU: Intel Xeon 5130 processor (2.00 GHz, 4MB L2 shared, 1333 MHz system bus)
 CPU MHz: 2000
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1
 Parallel: No
 Primary Cache: 32 KB I + 32 KB D on chip per core
 Secondary Cache: 4MB (I+D) on chip, per chip, shared
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8GB (8x1GB DDR2-RAM PC2-4200 FB-DIMM CL4 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/>