



CFP2000 Result

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Itaotec

Servidor Itaotec MX221 (Intel Xeon 5140 processor, 2.33GHz)

SPECfp_rate2000 = 40.6

SPECfp_rate_base2000 = 40.6

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	59.0	62.9	2	59.0	62.9
171.swim	2	222	32.4	2	222	32.4
172.mgrid	2	157	26.6	2	157	26.6
173.applu	2	176	27.6	2	176	27.6
177.mesa	2	65.0	50.0	2	65.0	50.0
178.galgel	2	65.5	103	2	65.5	103
179.art	2	54.3	111	2	54.3	111
183.quake	2	72.1	41.8	2	72.1	41.8
187.facerec	2	93.0	47.4	2	93.0	47.4
188.amp	2	159	32.0	2	159	32.0
189.lucas	2	135	34.4	2	135	34.4
191.fma3d	2	157	31.1	2	157	31.1
200.sixtrack	2	119	21.4	2	119	21.4
301.apsi	2	225	26.8	2	225	26.8

Hardware

CPU: Intel Xeon 5140 processor (2.33 GHz, 4MB L2 shared, 1333 MHz system bus)
 CPU MHz: 2330
 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: 14GB (7x2GB DDR2-RAM PC2-5300 FB-DIMM CL5 ECC)
 Disk Subsystem: 1 x 120GB Serial ATA 7200 RPM
 Other Hardware: None

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1 (32-bit)
 Compiler: Intel C++ Compiler 9.1
 Build 20060323Z (for 32-bit applications),
 Intel Fortran Compiler 9.1
 Build 20060323Z (for 32-bit applications),
 Microsoft Visual Studio 2005 (for libraries),
 MicroQuill SmartHeap for SMP Library v.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 v.8.0
<http://www.microquill.com/>

BIOS settings default.

The system bus runs at 1333 MHz

This result was measured with 32-bit binaries using the 32-bit version of the operating system.