



CFP2000 Result

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Itaotec

Servidor Itaotec MX221 (Intel Xeon 5150 processor, 2.66GHz)

SPECfp_rate2000 = 45.5

SPECfp_rate_base2000 = 45.5

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 | 52.3 | 71.0 | 2 | 52.3 | 71.0 |
| 171.swim | 2 | 204 | 35.3 | 2 | 204 | 35.3 |
| 172.mgrid | 2 | 170 | 24.6 | 2 | 170 | 24.6 |
| 173.applu | 2 | 153 | 31.9 | 2 | 153 | 31.9 |
| 177.mesa | 2 | 56.3 | 57.7 | 2 | 56.3 | 57.7 |
| 178.galgel | 2 | 56.7 | 119 | 2 | 56.7 | 119 |
| 179.art | 2 | 50.0 | 121 | 2 | 50.0 | 121 |
| 183.equake | 2 | 64.8 | 46.5 | 2 | 64.8 | 46.5 |
| 187.facerec | 2 | 81.8 | 53.9 | 2 | 81.8 | 53.9 |
| 188.amp | 2 | 145 | 35.2 | 2 | 145 | 35.2 |
| 189.lucas | 2 | 117 | 39.5 | 2 | 117 | 39.5 |
| 191.fma3d | 2 | 131 | 37.1 | 2 | 131 | 37.1 |
| 200.sixtrack | 2 | 106 | 24.0 | 2 | 106 | 24.0 |
| 301.apsi | 2 | 189 | 32.0 | 2 | 189 | 32.0 |

Hardware

CPU: Intel Xeon 5150 processor (2.66 GHz, 4MB L2 shared, 1333 MHz system bus)
CPU MHz: 2667
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/>