



CFP2000 Result

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Itautec

Servidor Itautec MX201 (Intel Xeon 5130 processor, 2.00GHz)

SPECfp_rate2000 = 37.6

SPECfp_rate_base2000 = 37.6

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 | 2 | 62.7 | 59.2 | 2 | 62.7 | 59.2 |
| 171.swim | 2 | 211 | 34.1 | 2 | 211 | 34.1 |
| 172.mgrid | 2 | 155 | 26.9 | 2 | 155 | 26.9 |
| 173.applu | 2 | 161 | 30.3 | 2 | 161 | 30.3 |
| 177.mesa | 2 | 75.8 | 42.8 | 2 | 75.8 | 42.8 |
| 178.galgel | 2 | 74.3 | 90.6 | 2 | 74.3 | 90.6 |
| 179.art | 2 | 64.1 | 94.1 | 2 | 64.1 | 94.1 |
| 183.equake | 2 | 72.8 | 41.4 | 2 | 72.8 | 41.4 |
| 187.facerec | 2 | 107 | 41.2 | 2 | 107 | 41.2 |
| 188.amp | 2 | 196 | 26.0 | 2 | 196 | 26.0 |
| 189.lucas | 2 | 158 | 29.4 | 2 | 158 | 29.4 |
| 191.fma3d | 2 | 169 | 28.9 | 2 | 169 | 28.9 |
| 200.sixtrack | 2 | 139 | 18.3 | 2 | 139 | 18.3 |
| 301.apsi | 2 | 222 | 27.1 | 2 | 222 | 27.1 |

Hardware

CPU: Intel Xeon 5130 processor (2.00GHz, 4MB L2 shared, 1333MHz 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: 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 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 20060519Z (for 32-bit applications),
 Intel Fortran Compiler 9.1
 Build 20060519Z (for 32-bit applications),
 Microsoft Visual Studio 2003(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/>