



CFP2000 Result

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Itautec

Servidor Itautec MX201 (Intel Xeon 5120 processor, 1.86GHz)

SPECfp_rate2000 = 34.2

SPECfp_rate_base2000 = 34.2

SPEC license #: 9001 | Tested by: Itautec | 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 | 68.9 | 53.9 | 2 | 68.9 | 53.9 |
| 171.swim | 2 | 252 | 28.6 | 2 | 252 | 28.6 |
| 172.mgrid | 2 | 179 | 23.3 | 2 | 179 | 23.3 |
| 173.applu | 2 | 204 | 23.9 | 2 | 204 | 23.9 |
| 177.mesa | 2 | 80.4 | 40.4 | 2 | 80.4 | 40.4 |
| 178.galgel | 2 | 80.3 | 83.8 | 2 | 80.3 | 83.8 |
| 179.art | 2 | 64.2 | 94.0 | 2 | 64.2 | 94.0 |
| 183.quake | 2 | 82.4 | 36.6 | 2 | 82.4 | 36.6 |
| 187.facerec | 2 | 112 | 39.5 | 2 | 112 | 39.5 |
| 188.amp | 2 | 208 | 24.6 | 2 | 208 | 24.6 |
| 189.lucas | 2 | 155 | 29.9 | 2 | 155 | 29.9 |
| 191.fma3d | 2 | 186 | 26.2 | 2 | 186 | 26.2 |
| 200.sixtrack | 2 | 149 | 17.1 | 2 | 149 | 17.1 |
| 301.apsi | 2 | 261 | 23.1 | 2 | 261 | 23.1 |

Hardware

CPU: Intel Xeon 5120 processor (1.86 GHz, 4MB L2 shared, 1066 MHz system bus)
CPU MHz: 1860
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 Library for SMP 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 Library for SMP v.8.0

<http://www.microquill.com/>

BIOS settings default.

The system bus runs at 1066 MHz

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

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