



CFP2000 Result

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Itautec

Servidor Itautec LX201 (Intel Xeon 5030 processor)

SPECfp_rate2000 = 32.3

SPECfp_rate_base2000 = 32.3

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	4	139	53.5	4	139	53.5
171.swim	4	486	29.6	4	486	29.6
172.mgrid	4	309	27.0	4	309	27.0
173.applu	4	358	27.2	4	358	27.2
177.mesa	4	187	34.7	4	187	34.7
178.galgel	4	227	59.4	4	227	59.4
179.art	4	206	58.7	4	206	58.7
183.equake	4	177	34.1	4	177	34.1
187.facerec	4	277	31.8	4	277	31.8
188.amp	4	389	26.2	4	389	26.2
189.lucas	4	328	28.3	4	328	28.3
191.fma3d	4	390	25.0	4	390	25.0
200.sixtrack	4	329	15.5	4	329	15.5
301.apsi	4	387	31.2	4	387	31.2

Hardware

CPU: Intel Xeon 5030 processor (2.67 GHz, 2x2MB L2, 667 MHz system bus)
CPU MHz: 2667
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable: 1
Parallel: No
Primary Cache: 32 KB I + 32 KB D on chip per core
Secondary Cache: 2 MB I+D on chip, per core
L3 Cache: N/A
Other Cache: N/A
Memory: 4x1024MB + 4x512MB FB-DIMM DDR2 SDRAM ECC CL5 667MHz
Disk Subsystem: 1 x 200GB 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 .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/>