



CFP2000 Result

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Itautec

Servidor Itautec LX211 (Intel Xeon 5060 processor)

SPECfp_rate2000 = 32.6

SPECfp_rate_base2000 = 32.6

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	117	63.4	4	117	63.4
171.swim	4	484	29.7	4	484	29.7
172.mgrid	4	310	26.9	4	310	26.9
173.applu	4	378	25.8	4	378	25.8
177.mesa	4	204	31.9	4	204	31.9
178.galgel	4	256	52.6	4	256	52.6
179.art	4	279	43.2	4	279	43.2
183.quake	4	154	39.1	4	154	39.1
187.facerec	4	214	41.3	4	214	41.3
188.amp	4	435	23.5	4	435	23.5
189.lucas	4	317	29.3	4	317	29.3
191.fma3d	4	365	26.7	4	365	26.7
200.sixtrack	4	282	18.1	4	282	18.1
301.apsi	4	393	30.7	4	393	30.7

Hardware

CPU: Intel Xeon 5060 processor (3.20 GHz, 2x2MB L2, 1066 MHz system bus)
 CPU MHz: 3200
 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: 2MB (I+D) on chip, per core
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 12GB (6x2GB 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 20060519Z (for 32-bit applications),
 Intel Fortran Compiler 9.1
 Build 20060519Z (for 32-bit applications),
 Microsoft Visual Studio 2005 (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/>