



CFP2000 Result

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Itautec

Servidor Itautec MX201 (Intel Xeon 5030 processor, 2.66GHz)

SPECfp_rate2000 = 24.5

SPECfp_rate_base2000 = 24.5

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	163	45.6	4	163	45.6
171.swim	4	686	21.0	4	686	21.0
172.mgrid	4	440	19.0	4	440	19.0
173.applu	4	469	20.8	4	469	20.8
177.mesa	4	252	25.8	4	252	25.8
178.galgel	4	351	38.3	4	351	38.3
179.art	4	394	30.6	4	394	30.6
183.quake	4	224	26.9	4	224	26.9
187.facerec	4	300	29.4	4	300	29.4
188.amp	4	552	18.5	4	552	18.5
189.lucas	4	450	20.6	4	450	20.6
191.fma3d	4	456	21.4	4	456	21.4
200.sixtrack	4	338	15.1	4	338	15.1
301.apsi	4	468	25.8	4	468	25.8

Hardware

CPU: Intel Xeon 5030 processor (2.66GHz, 2x2MB L2, 667MHz 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: 2MB (I+D) on chip, per core
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8GB (8x1GB DDR2-RAM PC2-4200 FB-DIMM CL4 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 .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/>