



CFP2000 Result

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Itautec

Servidor Itautec MX221 (Intel Xeon 5030 processor)

SPECfp_rate2000 = 41.4

SPECfp_rate_base2000 = 41.4

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	118	62.8	4	118	62.8
171.swim	4	465	30.9	4	465	30.9
172.mgrid	4	291	28.7	4	291	28.7
173.applu	4	315	30.9	4	315	30.9
177.mesa	4	130	50.1	4	130	50.1
178.galgel	4	132	102	4	132	102
179.art	4	147	82.1	4	147	82.1
183.equake	4	157	38.5	4	157	38.5
187.facerec	4	192	45.8	4	192	45.8
188.amp	4	293	34.9	4	293	34.9
189.lucas	4	304	30.6	4	304	30.6
191.fma3d	4	294	33.1	4	294	33.1
200.sixtrack	4	211	24.2	4	211	24.2
301.apsi	4	307	39.3	4	307	39.3

Hardware

CPU: Intel Xeon 5030 processor (2.66 GHz, 2x2MB L2, 667 MHz system bus)
 CPU MHz: 2667
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology disabled)
 CPU(s) orderable: 1,2
 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: 8x1GB 533MHz ECC CL4 FB-DIMM DDR2 SDRAM
 Disk Subsystem: 1 x 73GB SCSI 10000 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/>