



CFP2000 Result

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Itautec

Servidor Itautec MX221 (Intel Xeon processor E5345, 2.33 GHz)

SPECfp_rate2000 = 97.6

SPECfp_rate_base2000 = 97.6

SPEC license #: 9001 | Tested by: Itautec | Test date: Feb-2007 | Hardware Avail: Feb-2007 | Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	132	112	8	132	112
171.swim	8	537	53.5	8	537	53.5
172.mgrid	8	334	50.0	8	334	50.0
173.applu	8	359	54.3	8	359	54.3
177.mesa	8	67.8	192	8	67.8	192
178.galgel	8	86.7	311	8	86.7	311
179.art	8	101	240	8	101	240
183.equake	8	162	74.6	8	162	74.6
187.facerec	8	143	124	8	143	124
188.amp	8	199	103	8	199	103
189.lucas	8	317	58.5	8	317	58.5
191.fma3d	8	296	65.8	8	296	65.8
200.sixtrack	8	122	83.5	8	122	83.5
301.apsi	8	241	100	8	241	100

Hardware

CPU: Intel Xeon processor E5345 (2.33 GHz, 2x4MB L2, 1333 MHz system bus)
 CPU MHz: 2330
 FPU: Integrated
 CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 32KB(I) + 32KB(D) on chip, per core
 Secondary Cache: 8 MB I+D on chip per chip (4 MB shared per 2 cores)
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8x2GB DDR2-RAM PC2-5300F (CAS 5-5-5)
 Disk Subsystem: 1 x 73GB SCSI 10000RPM
 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 2003 7.1.3088 (for libraries)
 Microquill SmartHeap Library v.8.0 for SMP
 File System: NTFS
 System State: Default

Notes/Tuning Information

GENERAL

Basepeak=yes is used for all programs
 +FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

PORTABILITY FLAGS

178.galgel: -FI /F32000000

Base tuning flags

for Fortran programs: -fast -Qansi_alias +FDO
 for C programs: -fast +FDO shlSMPMt.lib

EXTRA LIBRARIES

MicroQuill SmartHeap Library v.8.0 for SMP
<http://www.microquill.com>

The Servidor Itautec MX221 and the Servidor Itautec MX201 are electronically equivalent.