



CFP2000 Result

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Itautec

Servidor Itautec MX201 (Intel Xeon processor E5320, 1.86 GHz)

SPECfp_rate2000 = 77.7

SPECfp_rate_base2000 = 77.7

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	169	87.6	8	169	87.6
171.swim	8	690	41.7	8	690	41.7
172.mgrid	8	424	39.4	8	424	39.4
173.applu	8	462	42.2	8	462	42.2
177.mesa	8	83.8	155	8	83.8	155
178.galgel	8	109	247	8	109	247
179.art	8	123	197	8	123	197
183.equake	8	215	56.2	8	215	56.2
187.facerec	8	184	95.8	8	184	95.8
188.amp	8	233	87.6	8	233	87.6
189.lucas	8	400	46.4	8	400	46.4
191.fma3d	8	372	52.4	8	372	52.4
200.sixtrack	8	153	66.8	8	153	66.8
301.apsi	8	291	82.8	8	291	82.8

Hardware

CPU: Intel Xeon processor E5320 (1.86 GHz, 2x4MB L2, 1066 MHz system bus)
 CPU MHz: 1860
 FPU: Integrated
 CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 32 KB I + 32 KB 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: 8x1GB 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
 176.gcc: -Dalloca=_alloca /F10000000
 186.crafty: -DNT_i386
 253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

Base tuning flags

for C programs: -fast +FDO shlSMPMt.lib
 for C++ programs: -fast -Qcxx_features +FDO shlSMPMt.lib

EXTRA LIBRARIES

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

This result was measured on the Servidor Itautec MX221.
 The Servidor Itautec MX201 and the Servidor Itautec MX221



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Notes/Tuning Information (Continued)

are electronically equivalent.