



CFP2000 Result

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Itautec

Servidor Itautec LX201 (Intel Xeon 5030 processor)

SPECfp_rate2000 = 39.0

SPECfp_rate_base2000 = 39.0

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	8	224	66.4	8	224	66.4
171.swim	8	931	30.9	8	931	30.9
172.mgrid	8	598	27.9	8	598	27.9
173.applu	8	643	30.3	8	643	30.3
177.mesa	8	254	51.2	8	254	51.2
178.galgel	8	444	60.7	8	444	60.7
179.art	8	553	43.6	8	553	43.6
183.quake	8	324	37.3	8	324	37.3
187.facerec	8	379	46.5	8	379	46.5
188.amp	8	674	30.3	8	674	30.3
189.lucas	8	604	30.7	8	604	30.7
191.fma3d	8	572	34.1	8	572	34.1
200.sixtrack	8	344	29.6	8	344	29.6
301.apsi	8	483	49.9	8	483	49.9

Hardware

CPU: Intel Xeon 5030 processor (2.67 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 enabled)
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: 4x1024MB + 4x512MB FB-DIMM DDR2 SDRAM ECC CL5 667MHz
Disk Subsystem: 1 x 200GB 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/>