



CFP2000 Result

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Itaotec

Servidor Itaotec LX211 (Intel Xeon processor E5335, 2.00 GHz)

SPECfp_rate2000 = 89.8

SPECfp_rate_base2000 = 89.8

SPEC license #: 9001 | Tested by: Itaotec | 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 | 131 | 113 | 8 | 131 | 113 |
| 171.swim | 8 | 572 | 50.3 | 8 | 572 | 50.3 |
| 172.mgrid | 8 | 346 | 48.3 | 8 | 346 | 48.3 |
| 173.applu | 8 | 442 | 44.1 | 8 | 442 | 44.1 |
| 177.mesa | 8 | 77.8 | 167 | 8 | 77.8 | 167 |
| 178.galgel | 8 | 100 | 269 | 8 | 100 | 269 |
| 179.art | 8 | 101 | 239 | 8 | 101 | 239 |
| 183.equake | 8 | 165 | 73.1 | 8 | 165 | 73.1 |
| 187.facerec | 8 | 160 | 110 | 8 | 160 | 110 |
| 188.amp | 8 | 206 | 99.1 | 8 | 206 | 99.1 |
| 189.lucas | 8 | 363 | 51.1 | 8 | 363 | 51.1 |
| 191.fma3d | 8 | 312 | 62.4 | 8 | 312 | 62.4 |
| 200.sixtrack | 8 | 142 | 71.8 | 8 | 142 | 71.8 |
| 301.apsi | 8 | 257 | 93.8 | 8 | 257 | 93.8 |

Hardware

CPU: Intel Xeon processor E5335 (2.00 GHz, 2x4MB L2, 1333 MHz system bus)
 CPU MHz: 2000
 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: 6x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)
 Disk Subsystem: 1 x 120GB SATA 7200RPM
 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>