



CFP2000 Result

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IBM Corporation

IBM System X 3400 (1.6 GHz Xeon 5110, 4MB L2 Cache)

SPECfp_rate2000 = --

SPECfp_rate_base2000 = 32.2

SPEC license #: 11 | Tested by: IBM Corporation | Test date: Oct-2006 | Hardware Avail: Jul-2006 | Software Avail: Mar-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	72.8	51.0			
171.swim	2	242	29.8			
172.mgrid	2	191	21.9			
173.applu	2	210	23.2			
177.mesa	2	89.5	36.3			
178.galgel	2	89.7	75.0			
179.art	2	69.8	86.4			
183.quake	2	84.0	35.9			
187.facerec	2	125	35.3			
188.amp	2	218	23.4			
189.lucas	2	152	30.5			
191.fma3d	2	199	24.5			
200.sixtrack	2	174	14.7			
301.apsi	2	273	22.1			

Hardware

CPU: Intel Xeon processor 5110 (1.6 GHz, 1066 MHz bus)
CPU MHz: 1600
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1, 2
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip (per core)
Secondary Cache: 4096KB(I+D) on chip (per chip)
L3 Cache: N/A
Other Cache: N/A
Memory: 8 x 1024 MB ECC PC2-5300F
Disk Subsystem: 80GB SATA 10K RPM
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise Edition (32-bit)
Compiler: Intel C++ and Fortran Compiler 9.1 for 32-bit applications
Build 20060323Z
Microsoft Visual Studio 2005(for libraries)
SmartHeap Library Version 8.0 from <http://www.microquill.com/>
File System: NTFS
System State: Default

Notes/Tuning Information

```
+FDO: PASS1= -Qprof_gen PASS2=-Qprof_use
Base tuning for Fortran programs: -fast -Qansi_alias +FDO
Base tuning for C programs: -fast +FDO shlW32M.lib
Portability:
178.galgel: -FI /F32000000
```

This result was measured on an IBM System X 3400. IBM System X 3400 and IBM System X 3500 are electronically equivalent.