CFP2000 Result

IBM Corporation

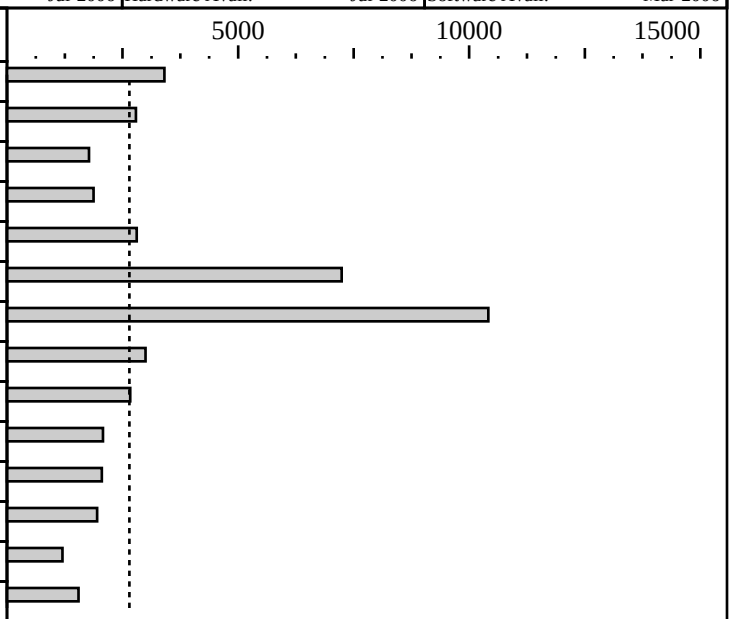
IBM System X 3500 (3.0 GHz Xeon 5160, 4MB L2 Cache)

SPECfp2000 = --

SPECfp_base2000 = 2646

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	47.0	3405		
171.swim	3100	111	2789		
172.mgrid	1800	101	1774		
173.applu	2100	112	1873		
177.mesa	1400	49.9	2806		
178.galgel	2900	40.0	7241		
179.art	2600	25.0	10413		
183.equake	1300	43.4	2997		
187.facerec	1900	71.3	2666		
188.ammp	2200	106	2076		
189.lucas	2000	97.5	2052		
191.fma3d	2100	108	1950		
200.sixtrack	1100	91.7	1200		
301.apsi	2600	168	1547		



Hardware

CPU:	Intel Xeon processor 5160 (3.0 GHz, 1333 MHz bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 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 3500 and IBM System
X 3400 are electronically equivalent.
```