CFP2000 Result

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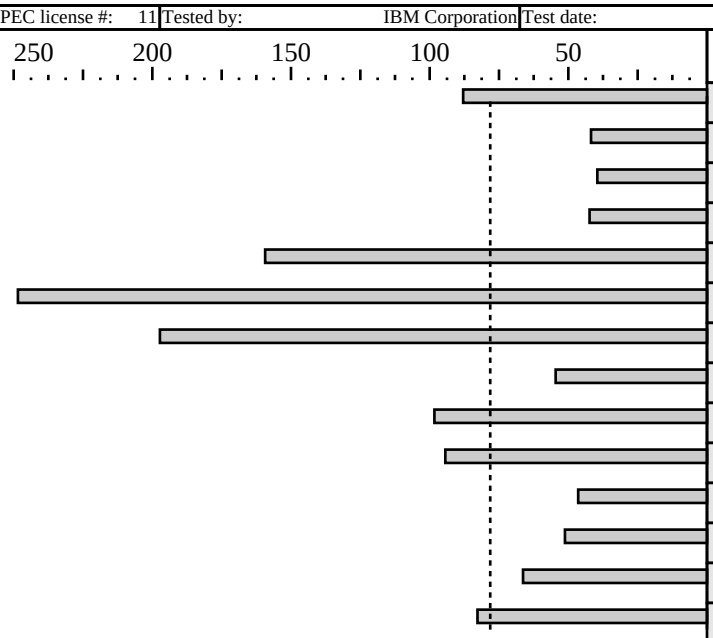
IBM Corporation

IBM System X 3400 (1.86 GHz Xeon E5320, 8MB L2 Cache)

SPECfp_rate2000 = --

SPECfp_rate_base2000 = 78.2

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	169	87.9			
171.swim	8	688	41.8			
172.mgrid	8	422	39.5			
173.applu	8	460	42.3			
177.mesa	8	81.5	159			
178.galgel	8	108	248			
179.art	8	122	197			
183.equake	8	221	54.6			
187.facerec	8	179	98.3			
188.ammp	8	216	94.4			
189.lucas	8	400	46.4			
191.fma3d	8	381	51.2			
200.sixtrack	8	154	66.3			
301.apsi	8	292	82.8			

Hardware

CPU:	Intel Xeon processor E5320 (1.86 GHz, 1066 MHz bus)
CPU MHz:	1866
FPU:	Integrated
CPU(s) enabled:	8 cores, 2 chips, 4 cores/chip
CPU(s) orderable:	1, 2 chips
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip (per core)
Secondary Cache:	8MB(I+D) on chip, per chip (4MB shared per 2 cores)
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.
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