CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

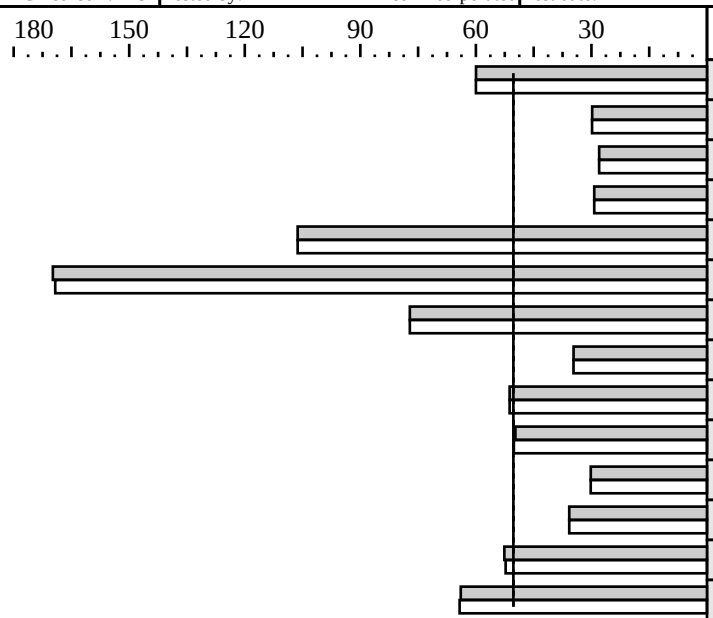
Acer Incorporated

Acer Altos R910 (3.0 GHz Intel Xeon Processor 7040)

SPECfp_rate2000 = 50.3

SPECfp_rate_base2000 = 50.2

SPEC license #: 97 | Tested by: Acer Incorporated | Test date: Jun-2006 | Hardware Avail: Jun-2006 | Software Avail: Nov-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	248	60.0	8	248	60.0
171.swim	8	965	29.8	8	964	29.8
172.mgrid	8	597	28.0	8	597	28.0
173.applu	8	666	29.3	8	666	29.3
177.mesa	8	122	106	8	122	106
178.galgel	8	158	170	8	159	169
179.art	8	313	77.1	8	313	77.1
183.equake	8	348	34.6	8	348	34.7
187.facerec	8	344	51.2	8	344	51.2
188.ammp	8	410	49.7	8	407	50.1
189.lucas	8	615	30.2	8	615	30.2
191.fma3d	8	545	35.8	8	545	35.8
200.sixtrack	8	194	52.6	8	195	52.3
301.apsi	8	377	63.9	8	376	64.2

Hardware

CPU:	Intel Xeon Processor 7040 (3.0 GHz, 2x2MB L2, 667MHz system bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	8 cores, 4 chips, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2,3,4
Parallel:	No
Primary Cache:	12K micro-ops I + 16KB(D) on chip, per core
Secondary Cache:	2048KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	16 x 1024MB ECC DDR2-400 SDRAM
Disk Subsystem:	1 x 73GB 10000RPM U320 SCSI HDD
Other Hardware:	

Software

Operating System:	Microsoft Windows Server 2003 Enterprise Edition (Build 3790), Service Pack 1
Compiler:	Intel C++ 9.0 Build 20051130Z for IA32 and Fortran Compiler 9.0 Build 20051130Z for IA32 Microsoft Visual Studio .Net 2003 (7.1.3091, for libraries) shlW32M.lib is SmartHeap Library Version 7.4 from http://www.microquill.com/
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=  -Qprof_gen  PASS2=-Qprof_use
Base tuning for all Fortran Programs :  -fast -Qansi_alias +FDO
Base tuning for all C Programs: -fast +FDO shlw32M.lib
Portability:
178.galgel:   -FI /F32000000
Peak tuning:
168.wupwise:  -fast -Qansi_alias +FDO
171.swim:     -fast -Qansi_alias +FDO
172.mgrid:    -fast -Qansi_alias +FDO
173.applu:  basepeak=yes
177.mesa:   basepeak=yes
178.galgel:   -fast -Qansi_alias +FDO
179.art:      basepeak=yes
183.equake:   -fast -Oa -Qrcd +FDO shlw32M.lib
187.facerec:  basepeak=yes
188.ammp:     -Oa -QxP
189.lucas:    -fast -Qprefetch- +FDO
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
191.fma3d:    basepeak=yes
200.sixtrack: -Qipo -QxP +FDO
301.apsi:     -fast +FDO
```