CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

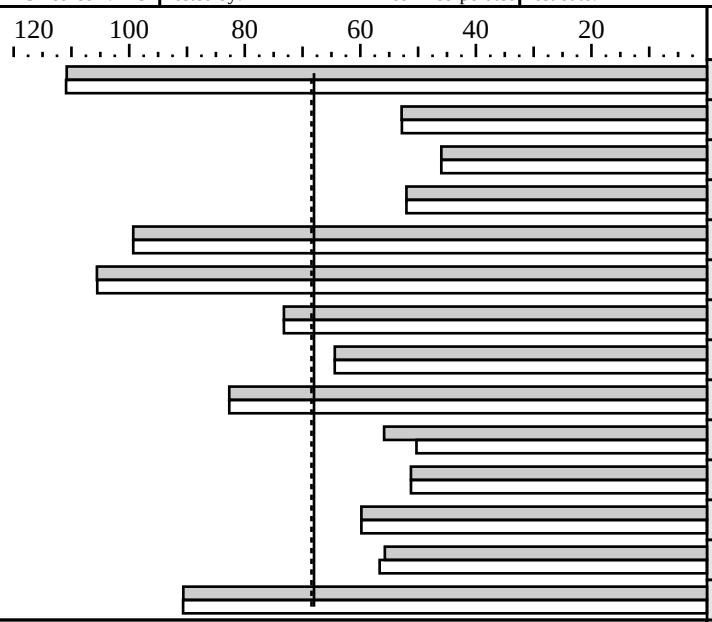
Acer Incorporated

Acer Altos R910 (2.6 GHz Intel Xeon Processor 7110M)

SPECfp_rate2000 = 68.0

SPECfp_rate_base2000 = 68.5

SPEC license #: 97 | Tested by: Acer Incorporated | Test date: Aug-2006 | Hardware Avail: Aug-2006 | Software Avail: Mar-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	16	268	111	16	268	111
171.swim	16	1089	52.9	16	1090	52.8
172.mgrid	16	727	46.0	16	727	46.0
173.applu	16	749	52.0	16	749	52.0
177.mesa	16	262	99.3	16	262	99.3
178.galgel	16	510	106	16	510	106
179.art	16	659	73.2	16	659	73.2
183.equake	16	375	64.4	16	374	64.4
187.facerec	16	426	82.7	16	426	82.7
188.ammp	16	731	55.9	16	812	50.3
189.lucas	16	724	51.2	16	725	51.2
191.fma3d	16	652	59.8	16	652	59.8
200.sixtrack	16	366	55.8	16	360	56.7
301.apsi	16	532	90.6	16	532	90.7

Hardware

CPU:	Intel Xeon Processor 7110M (2.6 GHz, 4MB L3, 800MHz system bus)
CPU MHz:	2600
FPU:	Integrated
CPU(s) enabled:	8 cores, 4 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2,3,4
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip, per core
Secondary Cache:	1024KB(I+D) on chip, per core
L3 Cache:	4MB on chip, per chip
Other Cache:	N/A
Memory:	16 x 1024MB ECC DDR2-400 SDRAM
Disk Subsystem:	1 x 73GB 10000RPM SAS HDD
Other Hardware:	

Software

Operating System:	Microsoft Windows Server 2003 Enterprise Edition (Build 3790), Service Pack 1
Compiler:	Intel C++ 9.1 Build 20060323Z for IA32 and Fortran Compiler 9.1 Build 20060323Z 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
```