CFP2000 Result

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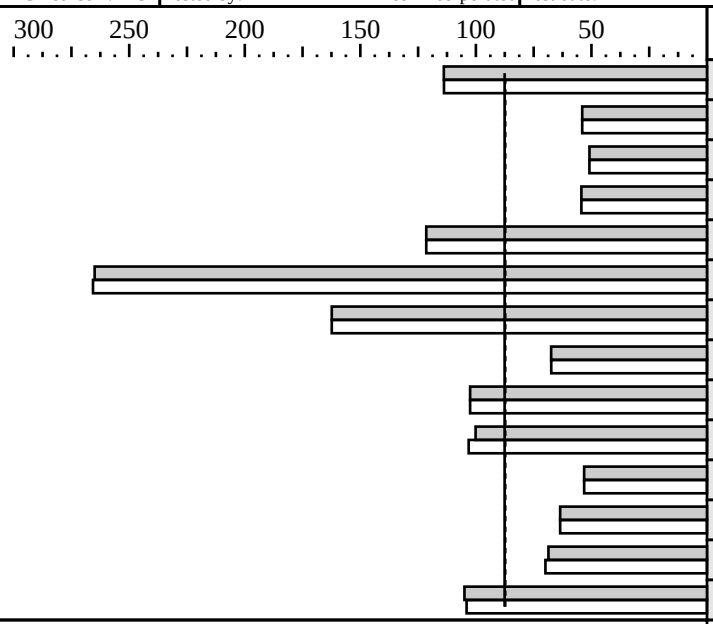
Acer Incorporated

Acer Altos R910 (3.2 GHz Intel Xeon Processor 7130M)

SPECfp_rate2000 = 87.6

SPECfp_rate_base2000 = 87.3

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	261	114	16	261	114
171.swim	16	1066	54.0	16	1066	54.0
172.mgrid	16	657	50.9	16	657	50.9
173.applu	16	717	54.3	16	717	54.3
177.mesa	16	214	121	16	214	121
178.galgel	16	203	265	16	203	266
179.art	16	297	162	16	297	162
183.equake	16	358	67.4	16	358	67.4
187.facerec	16	344	102	16	344	102
188.ammp	16	408	100	16	396	103
189.lucas	16	698	53.2	16	698	53.2
191.fma3d	16	613	63.5	16	613	63.5
200.sixtrack	16	298	68.6	16	292	69.9
301.apsi	16	460	105	16	464	104

Hardware

CPU:	Intel Xeon Processor 7130M (3.2 GHz, 8MB L3, 800MHz system bus)
CPU MHz:	3200
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:	8MB 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
```

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Notes/Tuning Information (Continued)

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