



CFP2000 Result

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Acer Incorporated
Acer Altos G330 (1.86 GHz Intel Xeon Processor 3040)

SPECfp_rate2000 = 35.6
SPECfp_rate_base2000 = 35.8

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	57.3	64.8	2	57.3	64.8
171.swim	2	227	31.7	2	228	31.6
172.mgrid	2	163	25.6	2	163	25.6
173.applu	2	172	28.3	2	172	28.3
177.mesa	2	78.4	41.4	2	78.4	41.4
178.galgel	2	101	66.7	2	101	66.9
179.art	2	91.3	66.1	2	91.3	66.1
183.quake	2	67.3	44.8	2	67.3	44.8
187.facerec	2	110	40.2	2	110	40.2
188.amp	2	230	22.2	2	243	21.0
189.lucas	2	134	34.8	2	134	34.6
191.fma3d	2	162	30.0	2	162	30.0
200.sixtrack	2	150	17.0	2	152	16.8
301.apsi	2	204	29.5	2	205	29.4

Hardware

CPU: Intel Xeon Processor 3040 (1.86 GHz, 2MB L2, 1066MHz system bus)
CPU MHz: 1866
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1 chip
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 2048KB(I+D) on chip, per chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4 x 1024MB ECC DDR2-667
Disk Subsystem: 1 x 80GB 7200RPM SATA 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 (7.1.5091, 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
+FDO*: FDO (-QxP not used in PASS1)
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.quake: -fast -Oa -Qrcd +FDO shlw32M.lib
187.facerec: basepeak=yes
188.amp: -Oa -QxP
```



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Notes/Tuning Information (Continued)

189.lucas: -fast -Qprefetch- +FDO
191.fma3d: basepeak=yes
200.sixtrack: -Qipo -QxP +FDO*
301.apsi: -fast +FDO