



# CFP2000 Result

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## Intel Corporation

Intel D815EEA2 motherboard (933 MHz, Pentium III processor)

SPECfp2000 = 300

SPECfp\_base2000 = 288

SPEC license #: 13 Tested by: Intel Corporation Test date: Aug-2001 Hardware Avail: Aug-2001 Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	100 200 300 400 500				
168.wupwise	1600	415	386	415	386					
171.swim	3100	922	336	925	335					
172.mgrid	1800	856	210	804	224					
173.applu	2100	854	246	854	246					
177.mesa	1400	284	493	288	486					
178.galgel	2900	1025	283	953	304					
179.art	2600	839	310	776	335					
183.quake	1300	533	244	443	293					
187.facerec	1900	642	296	577	329					
188.amp	2200	751	293	732	300					
189.lucas	2000	646	310	647	309					
191.fma3d	2100	753	279	753	279					
200.sixtrack	1100	697	158	680	162					
301.apsi	2600	798	326	768	339					

### Hardware

CPU: Pentium III processor (933 MHz, 133 MHz bus)  
CPU MHz: 933  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 16KBI + 16KBD on chip  
Secondary Cache: 256KB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 128 MB PC133 CL2 SDRAM (2 \* 128 MB sticks)  
Disk Subsystem: IBM DTLA-307030 ATA-100  
Other Hardware: None

### Software

Operating System: Windows 2000 (Build 2195, SP1)  
Compiler: Intel C++ Compiler 5.0 for Windows Build 001120  
Intel Fortran Compiler 5.0 for Windows Build 001027  
Microsoft Visual C++ 6.0 (for libraries)  
MicroQuill SmartHeap V5.0  
File System: FAT32  
System State: Default

## Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning: -QxK -Qipo -O3 +FDO
Portability:
178.galgel: -FI /F32000000
Peak tuning:
168.wupwise: -Qipo -QxK -O3 +FDO
171.swim: -Qipo -QxK -O3 +FDO
172.mgrid: -Qipo -QaxK -O3 +FDO
173.applu: -Qipo -QxK -O3 +FDO
177.mesa: -Qipo -QxK -O3 -Oa +FDO shlw32M.lib
178.galgel: -Qipo -QxK -O3 +FDO shlw32M.lib
178.galgel: LIBS=libIEPCF90.lib libintrins.lib libF90.lib
libqwin.lib libm.lib shlw32M.lib LIBC.lib
libirc.lib OLDNAMES.lib
179.art: -Qipo -QxK -O3 -Oa +FDO shlw32M.lib
183.quake: -Qipo -QxK -Qrcd -Oa +FDO shlw32M.lib
187.facerec: -Qipo -QxK -O3 +FDO shlw32M.lib
```



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## Notes/Tuning Information (Continued)

```

187.facerec: LIBS=libIEPCF90.lib libintrins.lib libF90.lib
              libqwin.lib libm.lib shlW32M.lib LIBC.lib
              libirc.lib OLDNAMES.lib
188.ammp:     -Qipo -QxK -O3 -Oa +FDO
189.lucas:   -Qipo -QxK -O3 +FDO shlW32M.lib
189.lucas:   LIBS=libIEPCF90.lib libintrins.lib libF90.lib
              libqwin.lib libm.lib shlW32M.lib LIBC.lib
              libirc.lib OLDNAMES.lib
191.fma3d:   -Qipo -QxK -O3 +FDO
200.sixtrack: -Qipo -QxK +FDO
301.apsi:    -Qipo -QxK +FDO

```

Tested systems can be used with Shin-G ATX case, Nspire MAV-250P power supply.  
Product information as of 08/2001:

<http://developer.intel.com/design/motherbd/ea2/index.htm>

Motherboard is available through Intel OEM Distribution Channel.

See <http://channel.intel.com/> for more information

The system bus runs at 133 MHz