



# CFP2000 Result

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## Intel Corporation

Intel D815EEA2 motherboard (1.1 GHz, Pentium III processor)

SPECfp2000 = 268

SPECfp\_base2000 = 258

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	100 200 300 400 500 600					
168.wupwise	1600	433	370	433	370	[Bar chart showing ratio 370]					
171.swim	3100	1248	248	1248	248	[Bar chart showing ratio 248]					
172.mgrid	1800	995	181	1003	179	[Bar chart showing ratio 179]					
173.applu	2100	1053	200	1053	200	[Bar chart showing ratio 200]					
177.mesa	1400	256	546	259	540	[Bar chart showing ratio 540]					
178.galgel	2900	1245	233	1161	250	[Bar chart showing ratio 250]					
179.art	2600	1100	236	1027	253	[Bar chart showing ratio 253]					
183.quake	1300	657	198	547	238	[Bar chart showing ratio 238]					
187.facerec	1900	673	282	603	315	[Bar chart showing ratio 315]					
188.amp	2200	810	272	794	277	[Bar chart showing ratio 277]					
189.lucas	2000	729	275	727	275	[Bar chart showing ratio 275]					
191.fma3d	2100	820	256	820	256	[Bar chart showing ratio 256]					
200.sixtrack	1100	604	182	592	186	[Bar chart showing ratio 186]					
301.apsi	2600	849	306	821	317	[Bar chart showing ratio 317]					

### Hardware

CPU: Pentium III processor (1.1 GHz, 100 MHz bus)  
CPU MHz: 1100  
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 100 MHz