



CFP2000 Result

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Intel Corporation

Intel D815EEA2 motherboard (1.0 GHz, Pentium III processor)

SPECfp2000 = 264

SPECfp_base2000 = 254

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	450	356	450	356	[Bar chart showing ratio 356]					
171.swim	3100	1182	262	1184	262	[Bar chart showing ratio 262]					
172.mgrid	1800	965	187	977	184	[Bar chart showing ratio 184]					
173.applu	2100	1041	202	1042	202	[Bar chart showing ratio 202]					
177.mesa	1400	277	505	281	499	[Bar chart showing ratio 499]					
178.galgel	2900	1245	233	1154	251	[Bar chart showing ratio 251]					
179.art	2600	1076	242	1005	259	[Bar chart showing ratio 259]					
183.quake	1300	656	198	545	238	[Bar chart showing ratio 238]					
187.facerec	1900	700	271	622	306	[Bar chart showing ratio 306]					
188.amp	2200	835	264	817	269	[Bar chart showing ratio 269]					
189.lucas	2000	736	272	735	272	[Bar chart showing ratio 272]					
191.fma3d	2100	845	249	844	249	[Bar chart showing ratio 249]					
200.sixtrack	1100	661	166	645	170	[Bar chart showing ratio 170]					
301.apsi	2600	871	299	841	309	[Bar chart showing ratio 309]					

Hardware

CPU: Pentium III processor (1.0 GHz, 100 MHz bus)
CPU MHz: 1000
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)

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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