CFP2000 Result

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Intel Corporation

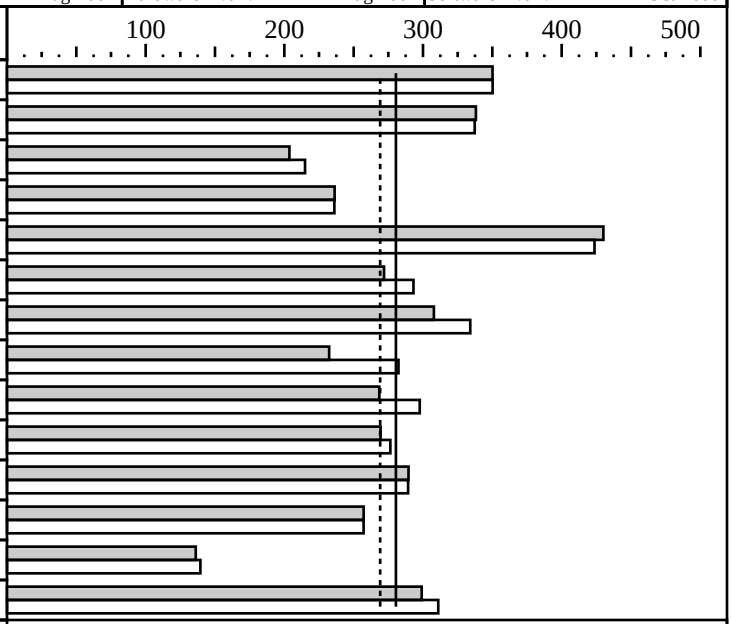
Intel D815EEA2 motherboard (800 MHz, Pentium III processor)

SPECfp2000 = 280

SPECfp_base2000 = 269

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
168.wupwise	1600	457	350	457	350
171.swim	3100	917	338	919	337
172.mgrid	1800	884	204	837	215
173.applu	2100	889	236	890	236
177.mesa	1400	326	430	330	424
178.galgel	2900	1067	272	989	293
179.art	2600	845	308	778	334
183.equake	1300	560	232	460	282
187.facerec	1900	708	268	638	298
188.ammp	2200	817	269	796	276
189.lucas	2000	691	290	691	289
191.fma3d	2100	817	257	817	257
200.sixtrack	1100	808	136	789	139
301.apsi	2600	869	299	836	311



Hardware

CPU:	Pentium III processor (800 MHz, 133 MHz bus)
CPU MHz:	800
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.equake:     -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 133 MHz
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