CFP2000 Result

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Intel Corporation

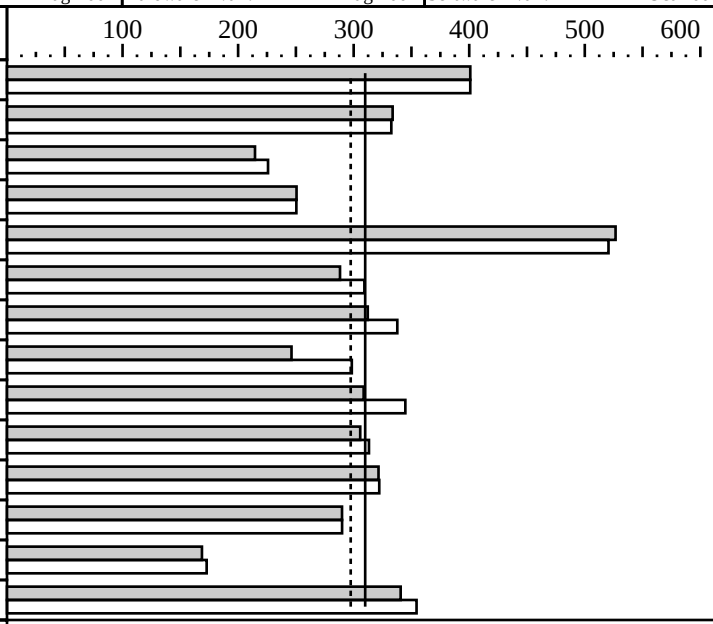
Intel D815EEA2 motherboard (1.0B GHz, Pentium III processor)

SPECfp2000 = 310

SPECfp_base2000 = 297

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	399	401	399	401
171.swim	3100	929	334	932	333
172.mgrid	1800	839	215	797	226
173.applu	2100	838	251	839	250
177.mesa	1400	266	527	269	521
178.galgel	2900	1006	288	938	309
179.art	2600	833	312	770	338
183.equake	1300	528	246	436	298
187.facerec	1900	616	309	551	345
188.ammp	2200	720	306	702	313
189.lucas	2000	622	322	621	322
191.fma3d	2100	724	290	724	290
200.sixtrack	1100	652	169	637	173
301.apsi	2600	763	341	734	354



Hardware

CPU:	Pentium III processor (1.0B GHz, 133 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.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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