CFP2000 Result

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Intel Corporation

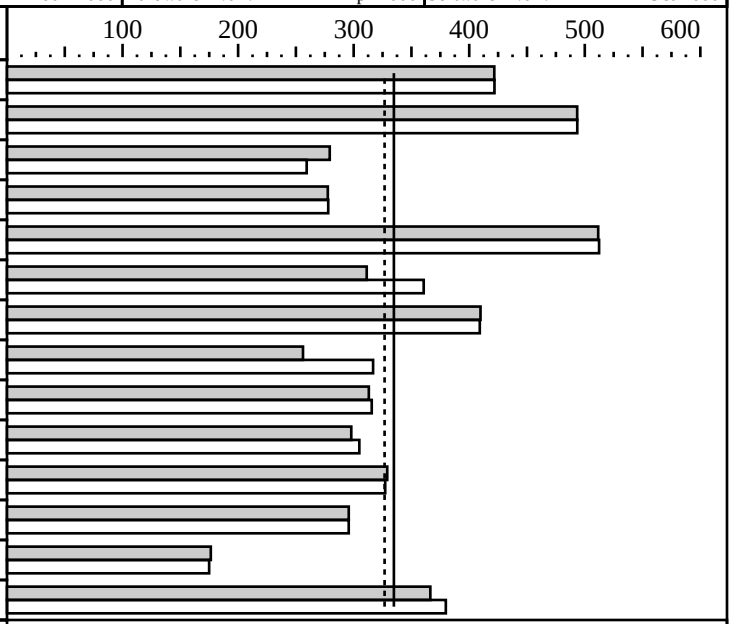
Intel OR840(1 GHz Pentium III processor)

SPECfp2000 = 335

SPECfp_base2000 = 327

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Jun-2000 | Hardware Avail: Apr-2000 | Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	379	422	379	422
171.swim	3100	628	493	628	494
172.mgrid	1800	644	279	694	259
173.applu	2100	756	278	755	278
177.mesa	1400	274	512	273	512
178.galgel	2900	932	311	804	361
179.art	2600	635	410	635	409
183.equake	1300	508	256	410	317
187.facerec	1900	607	313	602	316
188.ammp	2200	738	298	722	305
189.lucas	2000	608	329	611	327
191.fma3d	2100	710	296	710	296
200.sixtrack	1100	624	176	629	175
301.apsi	2600	710	366	685	380



Hardware

CPU:	Pentium III processor (1 GHz, 133 MHz bus)
CPU MHz:	1000
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	16KBI + 16KBD on-die
Secondary Cache:	256KB(I+D) on-die ECC
L3 Cache:	N/A
Other Cache:	N/A
Memory:	256 MB PC800 RDRAM
Disk Subsystem:	IBM DTLA 307030 ATA-66+
Other Hardware:	Creative Labs Annihalator Pro GeForce 256 DDR

Software

Operating System:	Windows 2000(Build 2195)
Compiler:	Intel C++ and Fortran Compiler 5.0 for Windows NT 4.0/Windows 2000 Microsoft Visual C++ 6.0 (for libraries) SmartHeap library V5.0
File System:	FAT32
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning: -QxK -Qipo_wp -O3 +FDO
Portability:
178.galgel: -FI -Fe$@ -link -stack:32000000
Peak tuning:
168.wupwise: -Qipo_wp -QxK -O3 +FDO
171.swim:    -Qipo_wp -QxK -O3 +FDO
172.mgrid:   -Qipo_wp -QxK -O3 +FDO
173.applu:   -Qipo_wp -QxK -O3 +FDO
177.mesa:    -Qipo_wp -QxK -O3 -Oa +FDO
178.galgel:  -Qipo_wp -QxK -O3 +FDO -Zi shlW32M.lib
179.art:     -Qipo_wp -QxK -O3 -Oa +FDO
183.equake:  -Qipo_wp -QxK -Qrcd -Oa +FDO shlW32M.lib
187.facerec: -Qipo_wp -QxK -O3 +FDO -Zi shlW32M.lib
188.ammp:    -Qipo_wp -QxK -O3 -Oa +FDO
189.lucas:   -Qipo_wp -QxK -O3 +FDO -Zi shlW32M.lib
191.fma3d:   -Qipo_wp -QxK -O3 +FDO
```

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Notes/Tuning Information (Continued)

```
200.sixtrack:-Qipo_wp -QxK  +FDO
301.apsi:    -Qipo_wp -QxK  +FDO
Tested systems can be used with Shin-G ATX case,
Sparkle Inc. power supply FSP300-60GT
Product description as of 06/2000:
http://developer.intel.com/design/wrkstn/or840/
Motherboard available through Intel OEM Distribution channel. See
http://channel.intel.com/ for more information
The system bus runs at 133 MHz
```