CFP2000 Result

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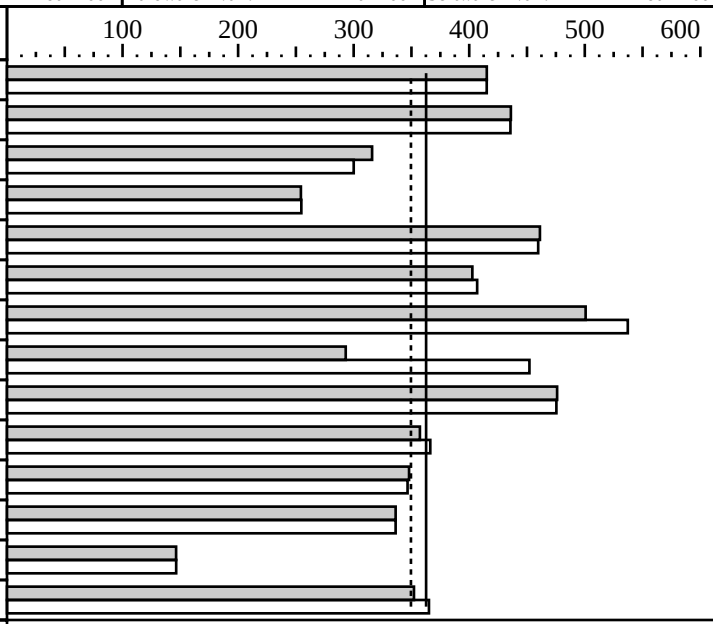
RLX
800i (800 MHz PIII)

SPECfp2000 = 363

SPECfp_base2000 = 350

SPEC license #: 1042 | Tested by: RLX, The Woodlands, TX | Test date: Jul-2002 | Hardware Avail: Mar-2002 | Software Avail: Jun-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	385	415	385	415
171.swim	3100	711	436	712	436
172.mgrid	1800	570	316	600	300
173.applu	2100	826	254	824	255
177.mesa	1400	304	461	305	460
178.galgel	2900	720	403	713	407
179.art	2600	519	501	484	537
183.equake	1300	443	293	288	452
187.facerec	1900	399	476	400	475
188.ammp	2200	616	357	601	366
189.lucas	2000	575	348	577	347
191.fma3d	2100	624	336	624	336
200.sixtrack	1100	752	146	751	146
301.apsi	2600	738	352	712	365



Hardware

CPU:	Intel Pentium III
CPU MHz:	800
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	16KB(I) + 16KB(D) on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	1024MB PC2100 DDR SDRAM
Disk Subsystem:	1 x 20GB IDE IBM Travelstar IC25N020ATCX04-0
Other Hardware:	Micron Copperhead Northbridge

Software

Operating System:	Windows 2000 Server (SP2 Build 2195)
Compiler:	Intel C++ and Fortan Compiler 5.0.1 (010727Z) Microsoft Visual C++ 6.0 (SP5) MicroQuill SmartHeap Library 6.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
PORTABILITY
  178.galgel:   -FI /F32000000
FEEDBACK-DIRECTED OPTIMIZATION
  FDO:          PASS1= /Qprof_gen  PASS2= /Qprof_use
BASE TUNING
  C/F77/F90:    /Qipo +FDO /QxK /O3
PEAK TUNING
  168.wupwise:  /Qipo +FDO /QxK /O3
  171.swim:     /Qipo +FDO /QxK /O3
  172.mgrid:    /Qipo +FDO /QaxK /O3
  173.applu:    /Qipo +FDO /QxK /O3
  177.mesa:     -Qipo +FDO -QxK -O3 -Oa shlW32M.lib
  178.galgel:   /Qipo +FDO /QxK /O3 shlW32M.lib
  179.art:      -Qipo +FDO -QxK -O3 shlW32M.lib
  183.equake:   -Qipo +FDO -QxK -Qrcd -Oa shlW32M.lib
  187.facerec:  /Qipo +FDO /QxK /O3 shlW32M.lib
  188.ammp:     -Qipo +FDO -QxK -O3 -Oa
```

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Notes/Tuning Information (Continued)

```
    189.lucas:    /Qipo +FDO /QxK /O3 shlW32M.lib
    191.fma3d:    /Qipo +FDO /QxK /O3
    200.sixtrack: /Qipo +FDO /QxK /O3
    301.apsi:     /Qipo +FDO /QxK
  EXTRA LIBRARIES
    shlW32M.lib:  MicroQuill SmartHeap Library 6.0
                  www.microquill.com
  LIBRARY ORDERING
    178.galgel, 187.facerec, 189.lucas:
                  libIEPCF90.lib libintrins.lib libF90.lib libqwin.lib
                  libm.lib shlW32M.lib LIBC.lib libirc.lib OLDNAMES.lib
```