



CFP2000 Result

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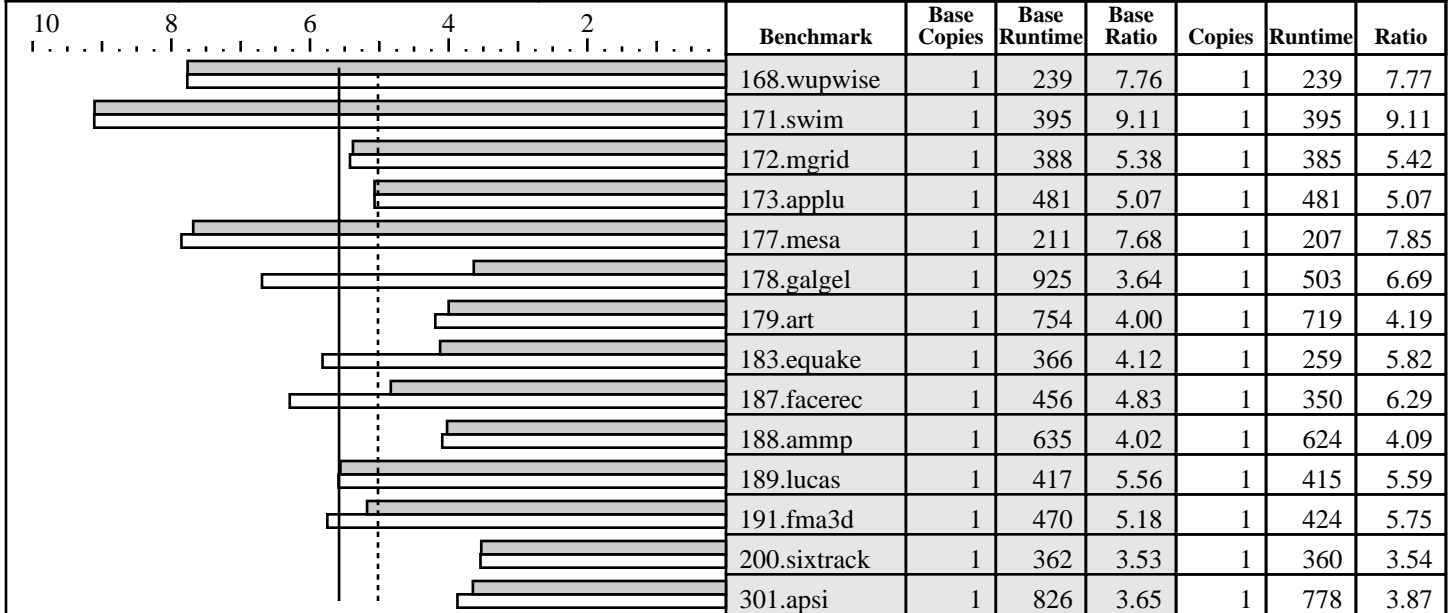
Advanced Micro Devices

Tyan Thunder K7 Motherboard, 1.2GHz Athlon MP Processor

SPECfp_rate2000 = 5.58

SPECfp_rate_base2000 = 5.02

SPEC license #: 49 | Tested by: AMD | Test date: May-2001 | Hardware Avail: Jun-2001 | Software Avail: Jan-2001



Hardware

CPU: 1.2GHz AMD Athlon MP AHD1200AMS3C
 CPU MHz: 1200
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1, 2
 Parallel: No
 Primary Cache: 64KBI + 64KBD on chip
 Secondary Cache: 256KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 256MB PC2100 DDR SDRAM CL2 Registered
 Disk Subsystem: IDE IBM Deskstar DTLA-307020
 Other Hardware: None

Software

Operating System: Windows 2000 SP1
 Compiler: Compaq Visual Fortran 6.5A
 Intel C/C++ 5.0 build 001120
 Intel Fortran 5.0 build 001120
 Microsoft Visual Studio 6.0 (libraries)
 MicroQuill Smartheap Library 5.0
 File System: NTFS
 System State: Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
icl and ifl are the Intel C/C++ and Fortran compilers
f90 is the Compaq Fortran compiler
shlW32M.lib is the SmartHeap library V5.0 from MicroQuill www.microquill.com
Portability:
178.galgel: -FI -Fe$@ -link -stack:32000000
Baseline: C          icl -QxK -Qipo +FDO
Baseline: Fortran ifl -O3 -QxK -Qipo +FDO
Peak tuning:
168.wupwise:  ifl -O3 -QxK -Qipo +FDO
171.swim:      ifl -O3 -QxK -Qipo +FDO
172.mgrid:     ifl -O3 -QaxK -Qipo +FDO
173.applu:     ifl -O3 -QxK -Qipo +FDO
177.mesa:      icl -QxK -Qipo -Oa +FDO shlW32M.lib
178.galgel:    f90 -Optimize:5 -fast
179.art:       icl -QxK -Qipo -Oa +FDO shlW32M.lib
183.equake:    icl -QxK -Qipo -Qrcd -Oa +FDO shlW32M.lib
```



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Notes/Tuning Information (Continued)

```
187.facerec: f90 -Optimize:5 -fast
188.ampp:    icl -QxK -Qipo -Oa +FDO
189.lucas:   ifl -O3 -QxK -Qipo +FDO shlw32M.lib
191.fma3d:   f90 -Optimize:5 -fast
200.sixtrack: ifl -QxK -Qipo +FDO
301.apsi:    f90 -Optimize:5 -fast
```

Library ordering for 189.lucas (to include SmartHeap correctly with default libs):

```
LIBS=libIEPCF90.lib libintrins.lib libF90.lib
libqwind.lib libm.lib shlw32M.lib LIBC.lib libirc.lib OLDNAMES.lib
```

ONESTEP is used for all base and peak runs

The tested system can be assembled using a case such as the Chenming 601 AE-F-O,
a 460W power supply such as the Delta Electronics Model DPS-465 AB A

The System bus runs at 266MHz