CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

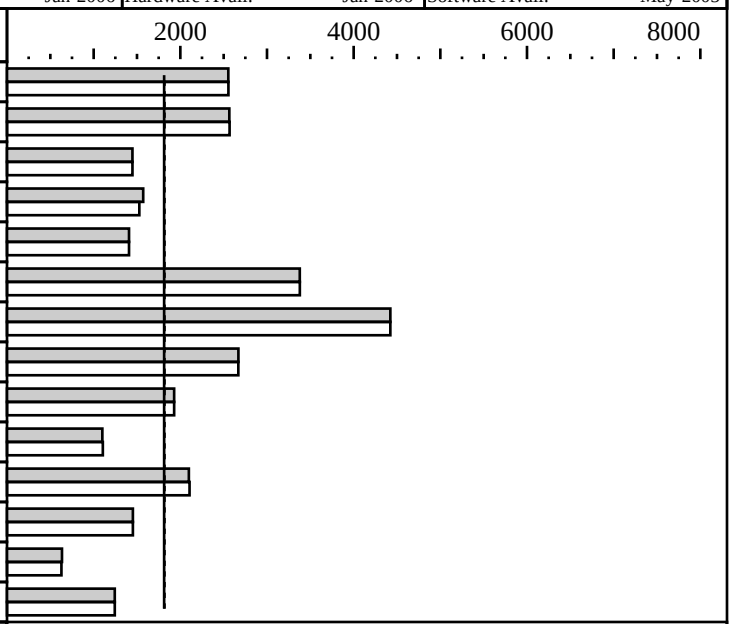
CAIRA
PCSC32 (3.2 GHz Intel Pentium 4)

SPECfp2000 = 1813

SPECfp_base2000 = 1817

SPEC license #: 3195 | Tested by: CAIRA | Test date: Jan-2006 | Hardware Avail: Jan-2006 | Software Avail: May-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	62.7	2554	62.6	2555
171.swim	3100	121	2565	121	2568
172.mgrid	1800	124	1447	124	1448
173.applu	2100	134	1572	138	1527
177.mesa	1400	99.4	1408	99.4	1408
178.galgel	2900	85.8	3378	85.8	3379
179.art	2600	58.8	4423	58.8	4423
183.equake	1300	48.7	2670	48.7	2669
187.facerec	1900	98.5	1929	98.5	1929
188.ammp	2200	200	1100	199	1106
189.lucas	2000	95.3	2098	95.0	2106
191.fma3d	2100	145	1453	145	1453
200.sixtrack	1100	173	634	175	628
301.apsi	2600	209	1243	209	1244



Hardware

CPU:	Intel Pentium 4 640 (3.2 GHz, 2MB L2, 800MHz system bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper Threading Technology Enabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12KB(I) micro-ops + 16KB(D) on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	--
Other Cache:	--
Memory:	4 x 512 MB DDR2-533 SDRAM
Disk Subsystem:	1 x 80 GB 7200 RPM SATA HDD
Other Hardware:	

Software

Operating System:	Microsoft Windows XP SP1
Compiler:	Intel(R) C++ Compiler for 32-bit, Version 9.0 Intel(R) Fortran Compiler for 32-bit, Version 9.0 Microsoft Visual Studio .NET 2003 (for libraries) MicroQuill SmartHeap
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=  -Qprof_gen  PASS2=-Qprof_use
Base tuning for Fortran Programs :  -fast -Qansi_alias +FDO
178.galgel:   -FI /F32000000
168.wupwise:  -fast -Qansi_alias +FDO
171.swim:     -fast -Qansi_alias +FDO
172.mgrid:    -fast -Qansi_alias +FDO
173.applu:  -fast -Qscalar_rep- -Qauto  +FDO
177.mesa:   basepeak=yes
178.galgel:   -fast -Qansi_alias +FDO
179.art:      basepeak=yes
187.facerec:  basepeak=yes
188.ammp:     -fast -Oa +FDO shlW32M.lib
189.lucas:    -fast -Qprefetch- +FDO
191.fma3d:    basepeak=yes
200.sixtrack: -Qipo -QxP +FDO
301.apsi:     -fast +FDO
shwl32M.lib is the micro quill SmartHeap library version 8 from Http://www.microquill.com
```

CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

CAIRA
PCSC32 (3.2 GHz Intel Pentium 4)

SPECfp2000 = 1813
SPECfp_base2000 = 1817

SPEC license #: 3195	Tested by: CAIRA	Test date: Jan-2006	Hardware Avail: Jan-2006	Software Avail: May-2005

Notes/Tuning Information (Continued)

```
Base tunning for C programs -fast +FDO shlW32M.lib
```