CFP2000 Result

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IBM Corporation

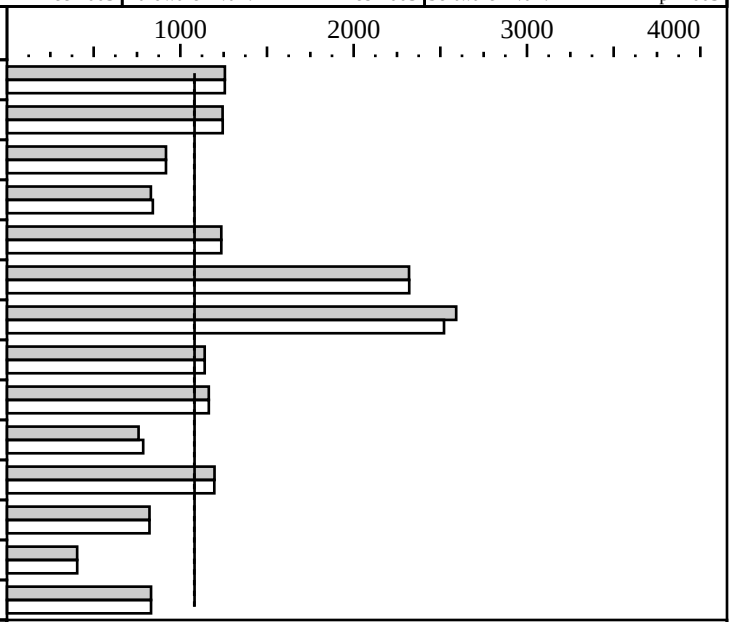
IBM Thinkpad T43 Type 1871-48U(1.60 GHz, Pentium(R) M processor 730)

SPECfp2000 = 1082

SPECfp_base2000 = 1080

SPEC license #: 13 | Tested by: Intel(R) Corporation | Test date: Dec-2005 | Hardware Avail: Feb-2005 | Software Avail: Apr-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	127	1257	127	1257
171.swim	3100	249	1244	249	1244
172.mgrid	1800	196	917	196	917
173.applu	2100	253	830	250	841
177.mesa	1400	113	1236	113	1236
178.galgel	2900	125	2319	125	2321
179.art	2600	100	2591	103	2521
183.equake	1300	114	1141	114	1141
187.facerec	1900	163	1164	163	1164
188.ammp	2200	290	759	280	786
189.lucas	2000	167	1197	167	1196
191.fma3d	2100	255	822	255	822
200.sixtrack	1100	272	405	272	405
301.apsi	2600	313	831	313	831



Hardware

CPU:	Intel(R) Pentium(R) M processor 730 (1.60 GHz, 533 MHz bus)
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32KBI + 32KBD on chip
Secondary Cache:	2MB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2x512 MB Samsung PC2-4200 DDR2-533 4-4-4-12 (tCL-tRCD-tRP-tRASmin)
Disk Subsystem:	Hitachi Travelstar 60GB 7200RPM
Other Hardware:	N/A

Software

Operating System:	Windows XP Professional SP2
Compiler:	Intel C++ and Fortran Compiler 9.0 for 32-bit applications Build 20050430Z (32-bit) Microsoft Visual Studio .Net 2003(for libraries) SmartHeap Library Version 7.4 from http://www.microquill.com/
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=  -Qprof_gen  PASS2=-Qprof_use
Base tuning:  -O3 -Qipo -QxB +FDO
Portability:
178.galgel:   -FI /F32000000
Peak tuning:
168.wupwise:  -O3 -Qipo -QxB -Qansi_alias +FDO
171.swim:     -O3 -Qipo -QxB -Qansi_alias +FDO
172.mgrid:    -O3 -Qipo -QxB -Qansi_alias +FDO
173.applu:  -O3 -Qipo -QxB -Qscalar_rep- -Qauto  +FDO
177.mesa:   basepeak=yes
178.galgel:   -O3 -Qipo -QxB -Qansi_alias +FDO
179.art:      -Oa -Qipo -Qunroll4 -Zp4
183.equake:   basepeak=yes
187.facerec:  -O3 -Qipo -QxB -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -Oa -QxB
189.lucas:    -O3 -Qipo -QxB -Qprefetch- +FDO
191.fma3d:    basepeak=yes
```

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Notes/Tuning Information (Continued)

```
200.sixtrack: -Qipo -QxB +FDO
301.apsi:     -O3 -Qipo -QxB +FDO
The system bus runs at 533 MHz
AC power, OS Power Management Mode set to Always On
```