CFP2000 Result

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Lenovo

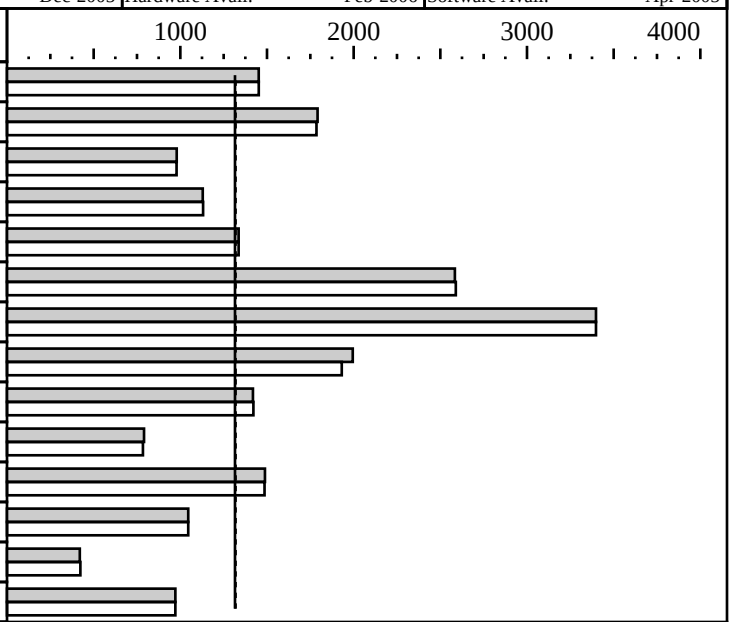
Lenovo Thinkpad T60 Type 1951-IXU(1.667 GHz, Intel(R) Core Duo processor T2300)

SPECfp2000 = 1315

SPECfp_base2000 = 1318

SPEC license #: 13 | Tested by: Intel(R) Corporation | Test date: Dec-2005 | Hardware Avail: Feb-2006 | Software Avail: Apr-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	110	1452	110	1452
171.swim	3100	173	1792	174	1785
172.mgrid	1800	184	979	184	978
173.applu	2100	186	1129	186	1131
177.mesa	1400	105	1336	105	1336
178.galgel	2900	112	2584	112	2589
179.art	2600	76.5	3398	76.5	3398
183.equake	1300	65.2	1995	67.3	1931
187.facerec	1900	134	1419	134	1422
188.ammp	2200	278	791	281	784
189.lucas	2000	134	1488	135	1486
191.fma3d	2100	201	1046	201	1046
200.sixtrack	1100	262	420	260	423
301.apsi	2600	268	971	268	971



Hardware

CPU:	Intel(R) Core Duo processor T2300 (1.667 GHz, 667 MHz bus)
CPU MHz:	1667
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32KBI + 32KBD on chip per core
Secondary Cache:	2MB(I+D) on chip shared by two cores
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:	Seagate SATA 100GB 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 for Fortran programs:  -fast -Qansi_alias +FDO
Base tuning for C programs:        -fast shlW32M.lib +FDO
Portability:
178.galgel:   -FI /F32000000
Peak tuning:
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
183.equake:   -QxP -Oa -Qrcd -Qipo shlW32M.lib +FDO
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -fast -Oa +FDO shlW32M.lib
189.lucas:    -fast -Qprefetch- +FDO
```

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Notes/Tuning Information (Continued)

```
191.fma3d:    basepeak=yes
200.sixtrack: -Qipo -QxP +FDO
301.apsi:     -fast +FDO
The system bus runs at 667 MHz
AC power, OS Power Management Mode set to Always On
```