



# CFP2000 Result

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## Lenovo

Lenovo Thinkpad T60 Type 1951-IXU( 2.167 GHz, Intel(R) Core Duo processor T2600)

SPECfp2000 = 1580

SPECfp\_base2000 = 1581

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	90.3	1772	90.1	1775	
171.swim	3100	161	1930	161	1930	
172.mgrid	1800	148	1218	148	1218	
173.applu	2100	159	1317	159	1317	
177.mesa	1400	81.1	1726	81.1	1726	
178.galgel	2900	89.7	3232	89.6	3237	
179.art	2600	67.8	3836	67.8	3836	
183.quake	1300	59.2	2197	60.5	2147	
187.facerec	1900	109	1743	108	1754	
188.amp	2200	229	961	231	952	
189.lucas	2000	115	1736	115	1746	
191.fma3d	2100	168	1251	168	1251	
200.sixtrack	1100	203	541	202	544	
301.apsi	2600	216	1202	216	1201	

### Hardware

CPU: Intel(R) Core Duo processor T2600 ( 2.167 GHz, 667 MHz bus)  
CPU MHz: 2167  
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.quake: -QxP -Oa -Qrcd -Qipo shlW32M.lib +FDO
187.facerec: -fast -Qunroll1 -Qscalar_rep- +FDO
188.amp: -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
```