



CFP2000 Result

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Lenovo

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

SPECfp_rate2000 = 27.3

SPECfp_rate_base2000 = 27.4

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	99.5	37.3	2	99.5	37.3
171.swim	2	299	24.0	2	300	24.0
172.mgrid	2	202	20.7	2	202	20.7
173.applu	2	231	21.1	2	233	20.9
177.mesa	2	82.5	39.3	2	82.5	39.3
178.galgel	2	132	50.9	2	132	51.1
179.art	2	140	43.1	2	140	43.1
183.quake	2	96.3	31.3	2	97.8	30.8
187.facerec	2	123	35.7	2	123	35.7
188.amp	2	295	17.3	2	304	16.8
189.lucas	2	179	25.9	2	179	25.9
191.fma3d	2	201	24.2	2	201	24.2
200.sixtrack	2	207	12.3	2	205	12.4
301.apsi	2	229	26.3	2	229	26.3

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