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## CONCLUSION

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Your system seems to have difficulty handling real-time audio and other tasks. You may experience drop outs, clicks or pops due to buffer underruns. One problem may be related to power management, disable CPU throttling settings in Control Panel and BIOS setup. Check for BIOS updates.

LatencyMon has been analyzing your system for 0:01:19 (h:mm:ss) on processors 0 and 1.

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## SYSTEM INFORMATION

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Computer name:	HIFI-PC
OS version:	Windows 7 , 6.1, build: 7600 (x64)
CPU:	GenuineIntel Intel(R) Atom(TM) CPU D510 @ 1.66GHz
Logical processors:	4
Processor groups:	1
RAM:	2038 MB total

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## CPU SPEED

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Reported CPU speed:	1666.0 MHz
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Measured CPU speed:	2086.0 MHz (approx.)
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Note: reported execution times may be calculated based on a fixed reported CPU speed. Disable variable speed settings like Intel Speed Step and AMD Cool N Quiet in the BIOS setup for more accurate results.

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#### MEASURED KERNEL TIMER LATENCIES

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Highest measured kernel timer latency ( $\mu$ s):	1448.112477
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#### MEASURED SMIs AND CPU STALLS

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Highest measured SMI, IPI or CPU stall ( $\mu$ s)	1.843164
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#### REPORTED DPCs

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Highest DPC routine execution time ( $\mu$ s): 469.003601

Driver with highest DPC routine execution time: USBPORT.SYS - USB 1.1 & 2.0 Port Driver,  
Microsoft Corporation

Highest reported total DPC routine time (%): 1.863192

Driver with highest DPC total execution time: USBPORT.SYS - USB 1.1 & 2.0 Port Driver,  
Microsoft Corporation

Total time spent in DPCs (%) 2.509573

DPC count (execution time <250  $\mu$ s): 272045

DPC count (execution time 250-500  $\mu$ s): 0

DPC count (execution time 500-999  $\mu$ s): 103

DPC count (execution time 1000-1999  $\mu$ s): 0

DPC count (execution time 2000-3999  $\mu$ s): 0

DPC count (execution time  $\geq$ 4000  $\mu$ s): 0

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#### REPORTED ISRs

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Highest ISR routine execution time ( $\mu$ s): 71.584634

Driver with highest ISR routine execution time: dxgkrnl.sys - DirectX Graphics Kernel,  
Microsoft Corporation

Highest reported total ISR routine time (%): 0.156748

Driver with highest ISR total time: hal.dll - Hardware Abstraction Layer DLL, Microsoft Corporation

Total time spent in ISRs (%) 0.263272

ISR count (execution time <250  $\mu$ s): 162308

ISR count (execution time 250-500  $\mu$ s): 0

ISR count (execution time 500-999  $\mu$ s): 0

ISR count (execution time 1000-1999  $\mu$ s): 0

ISR count (execution time 2000-3999  $\mu$ s): 0

ISR count (execution time  $\geq$ 4000  $\mu$ s): 0

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#### REPORTED HARD PAGEFAULTS

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Process with highest pagefault count: none

Total number of hard pagefaults 992

Hard pagefault count of hardest hit process: 575

Highest hard pagefault resolution time ( $\mu$ s): 972222.346939

Total time spent in hard pagefaults (%): 2.987722

Number of processes hit: 0

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PER CPU DATA

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CPU 0 Interrupt cycle time (s):	5.678201
CPU 0 ISR highest execution time (μs):	62.671068
CPU 0 ISR total execution time (s):	0.669733
CPU 0 ISR count:	121515
CPU 0 DPC highest execution time (μs):	469.003601
CPU 0 DPC total execution time (s):	4.768557
CPU 0 DPC count:	217762

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CPU 1 Interrupt cycle time (s):	3.455631
CPU 1 ISR highest execution time (μs):	71.584634
CPU 1 ISR total execution time (s):	0.164839
CPU 1 ISR count:	40793
CPU 1 DPC highest execution time (μs):	452.509004
CPU 1 DPC total execution time (s):	3.186790
CPU 1 DPC count:	54386

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