CONCLUSION

Your system appears to be having trouble handling real-time audio and other tasks. You are likely to experience buffer underruns appearing as drop outs, clicks or pops. 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 0:31:05 (h:mm:ss) on all processors.

SYSTEM INFORMATION

Computer name:	JESUS-TOSH
OS version:	Windows 7 Service Pack 1, 6.1, build: 7601 (x64)
Hardware:	Satellite L500, TOSHIBA, NSWAA
CPU:	GenuineIntel Intel(R) Core(TM) i3 CPU M 330 @ 2.13GHz
Logical processors:	4
Processor groups:	1
RAM:	3957 MB total

CPU SPEED

Reported CPU speed:	2128 MHz

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.

MEASURED INTERRUPT TO USER PROCESS LATENCIES

The interrupt to process latency reflects the measured interval that a usermode process needed to respond to a hardware request from the moment the interrupt service routine started execution. This includes the scheduling and execution of a DPC routine, the signaling of an event and the waking up of a usermode thread from an idle wait state in response to that event.

Highest measured interrupt to process latency (µs):	24258.067496
Average measured interrupt to process latency (µs):	12.296136
Highest measured interrupt to DPC latency (µs):	1436.852129
Average measured interrupt to DPC latency (µs):	2.398047

REPORTED ISRs

Interrupt service routines are routines installed by the OS and device drivers that execute in response to a hardware interrupt signal.

Highest ISR routine execution time (µs):	422.278195
Driver with highest ISR routine execution time:	HDAudBus.sys - High Definition Audio Bus Driver, Microsoft Corporation
Highest reported total ISR routine time (%):	0.215467
Driver with highest ISR total time:	USBPORT.SYS - Controlador de puertos USB 1.1 y 2.0, Microsoft Corporation
Total time spent in ISRs (%)	0.359889
ISR count (execution time <250 µs):	3231763
ISR count (execution time 250-500 µs):	0
ISR count (execution time 500-999 µs):	3
ISR count (execution time 1000-1999 µs):	0

ISR count (execution time 2000-3999 µs): 0
ISR count (execution time >=4000 µs): 0

REPORTED DPCs

DPC routines are part of the interrupt servicing dispatch mechanism and disable the possibility for a process to utilize the CPU while it is interrupted until the DPC has finished execution.

Highest DPC routine execution time (µs): 689.280075
Driver with highest DPC routine execution time: USBPORT.SYS - Controlador de puertos USB 1.1 y 2.0, Microsoft Corporation

Highest reported total DPC routine time (%): 1.994506
Driver with highest DPC total execution time: USBPORT.SYS - Controlador de puertos USB 1.1 y 2.0, Microsoft Corporation

Total time spent in DPCs (%) 2.458258

DPC count (execution time <250 µs): 16552562
DPC count (execution time 250-500 µs): 0
DPC count (execution time 500-999 µs): 176
DPC count (execution time 1000-1999 µs): 0
DPC count (execution time 2000-3999 µs): 0
DPC count (execution time >=4000 µs): 0

REPORTED HARD PAGEFAULTS

Hard pagefaults are events that get triggered by making use of virtual memory that is not resident in RAM but backed by a memory mapped file on disk. The process of resolving the hard pagefault requires reading in the memory from disk while the process is interrupted and blocked from execution.

NOTE: some processes were hit by hard pagefaults. If these were programs producing audio, they are likely to interrupt the audio stream resulting in dropouts, clicks and pops. Check the Processes tab to see which programs were hit.

Process with highest pagefault count:	svchost.exe
Total number of hard pagefaults	3139
Hard pagefault count of hardest hit process:	2033
Highest hard pagefault resolution time (µs):	561729.894737
Total time spent in hard pagefaults (%):	0.673493
Number of processes hit:	37

PER CPU DATA

CPU 0 Interrupt cycle time (s):	107.543995
CPU 0 ISR highest execution time (µs):	421.575188
CPU 0 ISR total execution time (s):	9.668430
CPU 0 ISR count:	2205352
CPU 0 DPC highest execution time (µs):	591.855263
CPU 0 DPC total execution time (s):	57.435301
CPU 0 DPC count:	12288523
CPU 1 Interrupt cycle time (s):	67.255040
CPU 1 ISR highest execution time (µs):	150.075188
CPU 1 ISR total execution time (s):	4.572570
CPU 1 ISR count:	341676

CPU 1 DPC highest execution time (µs):	583.496241
CPU 1 DPC total execution time (s):	42.147088
CPU 1 DPC count:	1398211
CPU 2 Interrupt cycle time (s):	66.146531
CPU 2 ISR highest execution time (µs):	136.150376
CPU 2 ISR total execution time (s):	6.304698
CPU 2 ISR count:	342416
CPU 2 DPC highest execution time (µs):	535.342105
CPU 2 DPC total execution time (s):	40.450645
CPU 2 DPC count:	1515045
CPU 3 Interrupt cycle time (s):	74.555291
CPU 3 ISR highest execution time (µs):	422.278195
CPU 3 ISR total execution time (s):	6.314028
CPU 3 ISR count:	342322
CPU 3 DPC highest execution time (µs):	689.280075
CPU 3 DPC total execution time (s):	43.435051
CPU 3 DPC count:	1350959