

Summary

Report Date	2021-05-06 02:59:06
Generated by	MemTest86 V9.0 Free (64-bit) <i>Visit MemTest86.com to Upgrade to Pro</i>
Result	FAIL

System Information

EFI Specifications	2.50
System	
Manufacturer	System manufacturer
Product Name	System Product Name
Version	System Version
Serial Number	System Serial Number
BIOS	
Vendor	American Megatrends Inc.
Version	4211
Release Date	05/29/2019
Baseboard	
Manufacturer	ASUSTeK COMPUTER INC.
Product Name	H110M-D
Version	Rev X.0x
Serial Number	160778869500283
CPU Type	Intel Core i5-6600K @ 3.50GHz
CPU Clock	3505 MHz [Turbo: 3604.9 MHz]
# Logical Processors	4
L1 Cache	4 x 64K (219805 MB/s)
L2 Cache	4 x 256K (98782 MB/s)
L3 Cache	6144K (55618 MB/s)
Memory	8141M (12092 MB/s)
Number of RAM SPDs detected	1
SPD #0	8GB DDR4 XMP PC4-17000 Kingston / KHX2133C14/8G / 42303A27 14-14-14-35 / 2132 MHz / 1.200V
Number of RAM slots	2
Number of RAM modules	1
DIMM Slot #0	8GB DDR4 PC4-17000 Kingston / KHX2133C14/8G / 42303A27 2133 MHz
DIMM Slot #1	Empty slot

Result summary

Test Start Time	2021-05-05 21:51:47
Elapsed Time	2:20:11
Memory Range Tested	0x0 - 237000000 (9072MB)
CPU Selection Mode	Parallel (All CPUs)
CPU Temperature Min/Max/Ave	35C/47C/38C
RAM Temperature Min/Max/Ave	-/-/-
# Tests Passed	34/48 (70%)

Lowest Error Address	0x26154310 (609MB)
Highest Error Address	0x2C7E0310 (711MB)
Bits in Error Mask	0000000000002000
Bits in Error	1
Max Contiguous Errors	1
CPUs in Error	0, 1, 2, 3

Test	# Tests Passed	Errors
Test 0 [Address test, walking ones, 1 CPU]	4/4 (100%)	0
Test 1 [Address test, own address, 1 CPU]	4/4 (100%)	0
Test 2 [Address test, own address]	4/4 (100%)	0
Test 3 [Moving inversions, ones & zeroes]	4/4 (100%)	0
Test 4 [Moving inversions, 8-bit pattern]	1/4 (25%)	9
Test 5 [Moving inversions, random pattern]	0/4 (0%)	21
Test 6 [Block move, 64-byte blocks]	3/4 (75%)	2
Test 7 [Moving inversions, 32-bit pattern]	0/4 (0%)	81
Test 8 [Random number sequence]	2/4 (50%)	5
Test 9 [Modulo 20, ones & zeros]	4/4 (100%)	0
Test 10 [Bit fade test, 2 patterns, 1 CPU]	4/4 (100%)	0
Test 13 [Hammer test]	4/4 (100%)	0

Last 10 Errors
2021-05-05 23:50:42 - [Data Error] Test: 8, CPU: 2, Address: 26470310, Expected: 7606B16F, Actual: 7606916F
2021-05-05 23:50:42 - [Data Error] Test: 8, CPU: 2, Address: 26F70310, Expected: 1E7EB5F3, Actual: 1E7E95F3
2021-05-05 23:50:42 - [Data Error] Test: 8, CPU: 1, Address: 2AEC4310, Expected: 5FC9BF82, Actual: 5FC99F82
2021-05-05 23:41:49 - [Data Error] Test: 7, CPU: 1, Address: 2C054310, Expected: FFFFFFFD, Actual: FFFDFDFF
2021-05-05 23:41:43 - [Data Error] Test: 7, CPU: 2, Address: 27238310, Expected: 00002000, Actual: 00000000

2021-05-05 23:41:43 - [Data Error] Test: 7, CPU: 2, Address: 276E0310, Expected: 00002000, Actual: 00000000
2021-05-05 23:41:43 - [Data Error] Test: 7, CPU: 2, Address: 27D38310, Expected: 00002000, Actual: 00000000
2021-05-05 23:41:41 - [Data Error] Test: 7, CPU: 1, Address: 2B970310, Expected: FFFFFFFB, Actual: FFFDFBF
2021-05-05 23:41:40 - [Data Error] Test: 7, CPU: 1, Address: 2ADC4310, Expected: FFFFFFF7, Actual: FFFDFF7
2021-05-05 23:41:39 - [Data Error] Test: 7, CPU: 1, Address: 29038310, Expected: FFFFFFFD, Actual: FFFDFFD

Certification

This document certifies that the Tests described above have been carried out by a suitably qualified technician on the System described above.

Signed

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