



Summary

Report Date	2019-12-06 09:54:47
Generated by	MemTest86 V8.3 Free (64-bit)
Result	FAIL

System Information

EFI Specifications	2.40
System	
Manufacturer	ASUS
Product Name	All Series
Version	System Version
Serial Number	System Serial Number
BIOS	
Vendor	American Megatrends Inc.
Version	2101
Release Date	07/10/2019
Baseboard	
Manufacturer	ASUSTeK COMPUTER INC.
Product Name	X99-DELUXE II
Version	Rev 1.xx
Serial Number	160573482800270
CPU Type	Intel Core i7-5820K @ 3.30GHz
CPU Clock	3298 MHz [Turbo: 3597.9 MHz]
# Logical Processors	12 (6 enabled for testing)
L1 Cache	4 x 64K (185402 MB/s)
L2 Cache	4 x 256K (51913 MB/s)
L3 Cache	15360K (28915 MB/s)
Memory	32688M (15285 MB/s)
DIMM Slot #0	8GB DDR4 XMP PC4-25600
	G Skill Intl / F4-3200C14-8GTZ
	14-14-14-34 / 3200 MHz / 1.350V
DIMM Slot #1	8GB DDR4 XMP PC4-25600
	G Skill Intl / F4-3200C14-8GTZ
	14-14-14-34 / 3200 MHz / 1.350V
DIMM Slot #2	8GB DDR4 XMP PC4-25600
	G Skill Intl / F4-3200C14-8GTZ
	14-14-14-34 / 3200 MHz / 1.350V
DIMM Slot #3	8GB DDR4 XMP PC4-25600
	G Skill Intl / F4-3200C14-8GTZ
	14-14-14-34 / 3200 MHz / 1.350V

Result summary

Test Start Time	2019-12-06 09:47:46
Elapsed Time	0:06:01
Memory Range Tested	0x0 - 840000000 (33792MB)
CPU Selection Mode	Parallel (All CPUs)
ECC Polling	Enabled
# Tests Passed	3/7 (42%)

Lowest Error Address	0x1F8C40870 (8076MB)
Highest Error Address	0x3FAC500D8 (16300MB)
Bits in Error Mask	0000000000410000
Bits in Error	2
Max Contiguous Errors	1

Test	# Tests Passed	Errors
Test 0 [Address test, walking ones, 1 CPU]	1/1 (100%)	0

Test 1 [Address test, own address, 1 CPU]	1/1 (100%)	0
Test 2 [Address test, own address]	1/1 (100%)	0
Test 3 [Moving inversions, ones & zeroes]	0/1 (0%)	489
Test 4 [Moving inversions, 8-bit pattern]	0/1 (0%)	2328
Test 5 [Moving inversions, random pattern]	0/1 (0%)	4242
Test 6 [Block move, 64-byte blocks]	0/1 (0%)	1679
Test 7 [Moving inversions, 32-bit pattern]	0/0 (0%)	1298
Test 8 [Random number sequence]	0/0 (0%)	0
Test 9 [Modulo 20, ones & zeros]	0/0 (0%)	0
Test 10 [Bit fade test, 2 patterns, 1 CPU]	0/0 (0%)	0
Test 13 [Hammer test]	0/0 (0%)	0

Last 10 Errors		
2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC4AC24, Expected: 00000400, Actual: 00400400		
2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC4A434, Expected: 00004000, Actual: 00404000		
2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC47D34, Expected: 00004000, Actual: 00014000		
2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC47B14, Expected: 00000040, Actual: 00400040		
2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC47314, Expected: 00000040, Actual: 00010040		
2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC469B4, Expected: 00004000, Actual: 00014000		
2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC46784, Expected: 00000004, Actual: 00010004		
2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC46594, Expected: 00000040, Actual: 00400040		
2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC45814, Expected: 00000040, Actual: 00400040		
2019-12-06 09:53:45 - [Data Error] Test: 7, CPU: 6, Address: 1FAC44EB4, Expected: 00004000, Actual: 00404000		

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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